Interaction Design Portfolio

Sarah Chou
5th Year
Northeastern University

Major: Computer Science and Cognitive
Psychology
Minor: Interaction Design

Week 1: Experience of Use Analysis Poster

For this assignment, you will produce a poster that illustrates a physical—*not* digital—experience where you performed a task and felt some level of frustration.

I created a poster that illustrated and analyzed my stressful and frustrating attempt to wash my hands in a sleeper train from Prague to Budapest.

Poster Close Ups: Background Info

Poster Close Ups: Step by Step
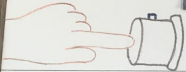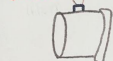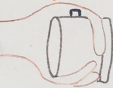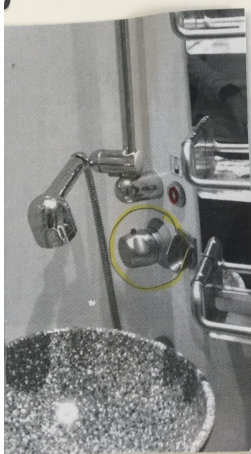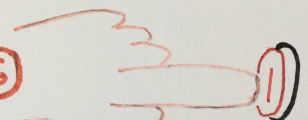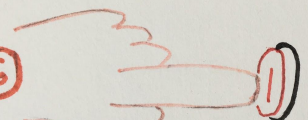
Poster Close Ups: Overall Experience Rating:

Week 2: Personas, Brainstorm List, and Project Ideas

Persona 1: High School Senior

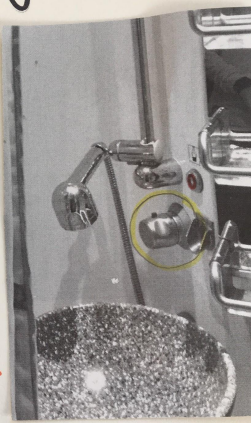| Persona:	My 17 year old sister
Fictional Name:	Syss Ter
Job Title/Major Responsibilities:	- High school senior at Lowell High School - President of Bracelets for Kiddos - Track & Field/Cross Country Varsity Team - Hospital Volunteer - CSF Tutor
Demographics:	17 years old - youngest of 3 children - lives in San Francisco, CA - goes to Lowell High School
Goals and tasks:	- Get good grades - Get homework done on time - Study for exams - Maintain an active social life by going to friends' birthday parties and supporting them at sporting events - Help clean room and do dishes and other chores around the house - Complete college applications and essays by their due dates - Volunteer at the hospital each week - Keep track of schedule - Clubs and organizations involved in (track and field, bracelet making club, church fellowship group) - Mentor freshmen on the track and cross country team - Volunteer at marathons - Help students with their homework as a CSF tutor
Environment:	**Technical Environment**: She is comfortable with using a computer.

	Spends a lot of time on Facetime with friends on her phone or iPad. **Physical Environment**: spends time at home, school, church, the track, or the hospital volunteering **Social Environment**: hanging out with fellow peers her age at school or clubs/organizations after school or at church

Persona 2: College Roommate

Persona:	College Roommate
Fictional Name:	Rue Mayt
Job Title/Major Responsibilities:	• 5th Year Student at Northeastern University. Majoring in Interaction Design. • Dogwalker
Demographics:	• College student (upperclassman) • Female • From New Jersey • 21 years old • pursuing a Bachelor's degree • 5'3'' • oldest of 3 girls • has 2 dogs
Goals and tasks:	• Do chores • Wash dish towels • Clean kitchen surfaces • Take out trash • Sweep the floor • Clean the bathroom • Remember to lock the door • Do homework • Walk friends' dog every day • maintain good grades • maintain active social life • put on makeup • bake and cook food on the regular • Live in a clean and orderly manner in a shared space

	• Tell other roommates when people are invited over • Figure out how to decorate the space • Work out in the gym
Environment:	• **Technical Environment:** She is comfortable using a computer. Usually connected to Wi-Fi or data on her phone. Uses email, iMessage, Facebook message, and actively browses the web. • **Physical Environment:** spends time in Lightview apartment, on campus at Northeastern (mostly Ryder or Shillman), exploring around Boston, walking to Fenway area to walk dog • **Social Environment:** friends with Computer Science females since freshman year, friends with high school friends from home

Persona 3: CS4100 TA

Persona:	TA for Artificial Intelligence
Fictional Name:	Ta Ai
Job Title/Major Responsibilities:	TA for CS4100 at Northeastern University
Demographics:	- Graduate student - Female 27 years old - married
Goals and tasks:	- Grade student's homework on time - Provide feedback and answer questions on the class forum (Piazza) - Host office hours for students to ask questions about the homework - Attend class - Reply to emails from students and the professor - Submit hours worked each week on timesheet
Environment:	**Technical Environment:** Comfortable with a computer, excellent

	programmer, uses Piazza and gmail and the class website **Physical Environment:** Northeastern University, Richards 300, Richards 237 for office hours **Social Environment:** Spends time with her husband, other grad students, other TAs, and the undergraduate students she supports in the class

Persona 4: Mom

Persona:	My Busy Mom
Job Title/Major Responsibilities:	Stay at home retired mom who is always busy and has things to do constantly
Demographics:	56 years old - Female - Mother of 3 children, 2 of which live at home - Born and raised and currently living in San Francisco, CA - Retired
Goals and tasks:	- Pay college tuition for me - Support family emotionally, spiritually, financially, with knowledge about everything at any time of day - Make sure youngest daughter gets to and from school and activities - Attend church and prayer group - Maintain active social life (with friends, lei-making club, church group, etc.) - Make sure husband stays on his restricted low-sodium diet, and takes medication for congestive heart failure every day - Go to the hospital for breast cancer treatments - Have phone appointments with the doctor

	- Update CaringBridge to notify close friends and family about her cancer journey - Plan vacations - Pay bills - Cook meals
Environment:	**Technical Environment:** comfortable using a computer, uses email and Facebook, sometimes has to ask for help on how to achieve tasks **Physical Environment:** currently staying at home or going to the hospital (Kaiser) **Social Environment:** spends time with family (husband, 17 year old daughter, 25 year old son), spends time with other female friends her age, as well as the church community of all ages and gender, mostly Asian.

Brainstorm Ideas

Brainstorm List

For 17 year old high school senior: (things to keep track of)

- Senior year activities and events to attend to (prom, graduation, senior portraits, senior picnic) (yearly)
- Homework assignments due (daily)
- Exams and quizzes to study for (weekly)
- Sports practice, meets, volunteering events (weekly)
- How are her running times improving over time (yearly, monthly, weekly)
- Chores to do (weekly)
- Social activities (friend's birthdays, hang outs, facetime calls with sister/abroad friends, family events, concerts, etc.) (weekly)
- Volunteering shifts (at the hospital every Sunday, at marathons on Saturdays once a month, CSF Tutoring twice a week after school in the library) (weekly)
- What college events to go to (such as a school visiting the high school, or a networking event, or SAT prep or essay review) (monthly)
- What college apps are due when, what is required for them (a personal essay, filling out a portal, sending a transcript, etc.) (yearly)

For female college roommate: (things to keep track of)

- When to clean the bathroom (monthly)
- When to clean the kitchen (monthly)
- When to wash shared towels/dish rags (monthly)
- When to cook dinner for the roommates (weekly)
- When to pick up packages (weekly or whenever they come)
- When homework is due (weekly)
- When to walk the dog (balanced in between class schedule) (daily)
- When to unload dishwasher (daily)
- When to work out (daily/weekly)
- When to take out trash (daily)
- When to do laundry (biweekly)

For TA: (things to keep track of)

- When to submit hours worked into timesheet (weekly)
- When to grade student's homework (weekly)
- When to show up to office hours (weekly)
- When to post on Piazza or reply to student questions (daily)
- When to check email (hourly)

porTAl

A TA Portal for Fellows to share tips, grade assignments, have discussions, have an appointment calendar for one on one meetings, etc.
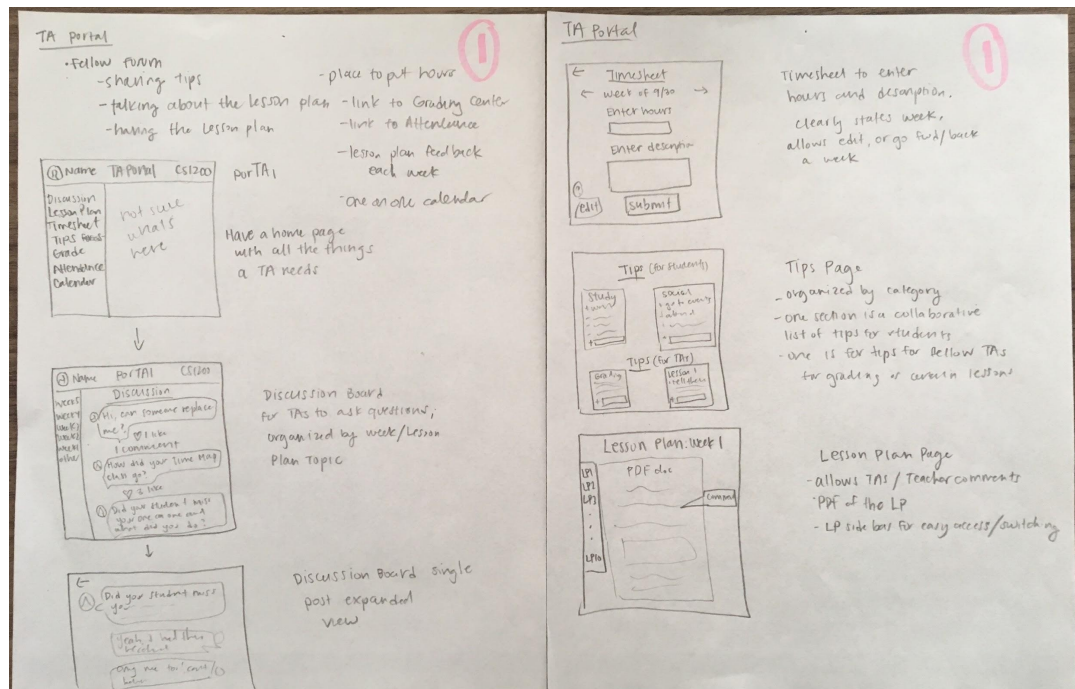
Event Planner

A place to store events happening in your life, with a name and date, has a calendar view, each Event card has Who's Coming, What to Do, What to Buy, a Countdown, Email All Guests, and Notes.

Dog Walking Community
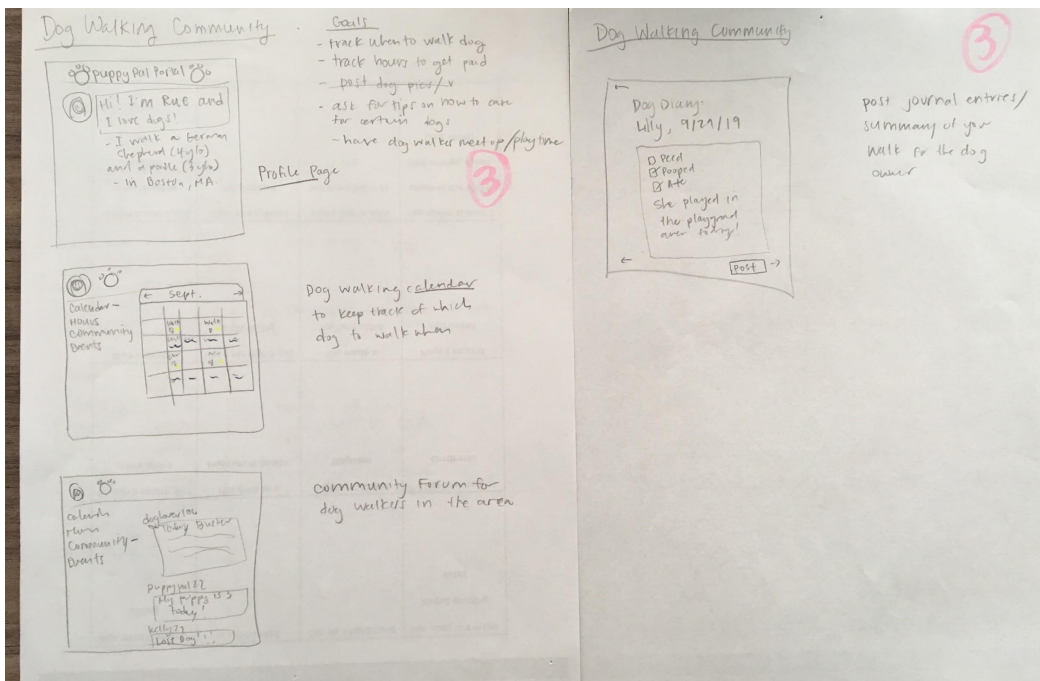
For dog walkers to keep track of when to walk which dogs, ask for tips on how to walk big dogs etc, have dog walker play time/meet-ups, track hours of dog walking to get paid, have a dog diary to share with the dog's owner that day.

Colleges4Me

A way for high school seniors to keep track of college apps, write personal essays, invite others to comment on essays, keep track of due dates, and search colleges based on parameters.
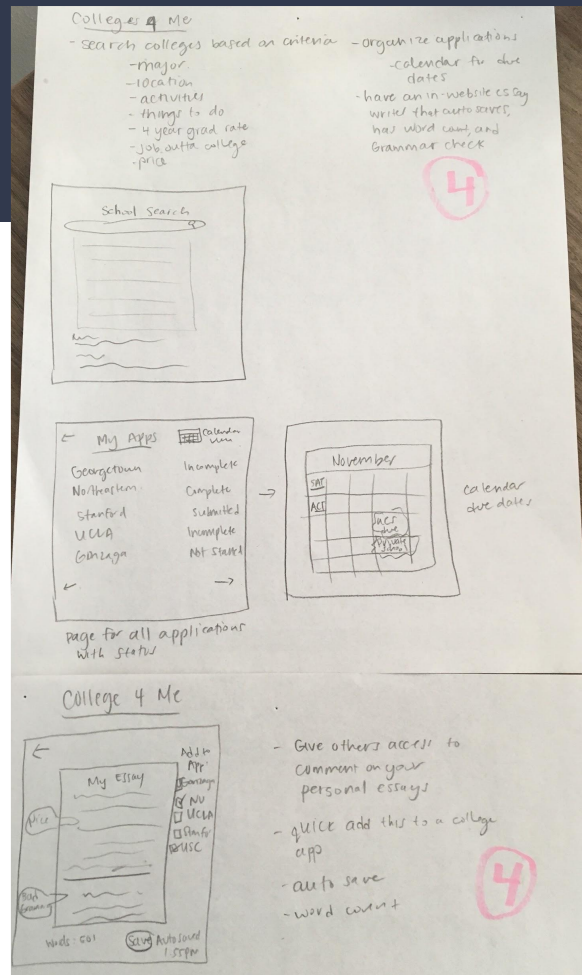
Roommate Chore Chart

A place for college roommates to keep track of who needs to do what chores in what room, including what tasks, what to buy, etc., includes a rotation.

Week 3: Interview Script

[Project] Interview Script

Timing	Section	Prompts *(what exactly are you going to ask; follow-up questions or alternative questions based on participant's response)*	Observation Points *(reminders of why you are asking this question, prompts to look for artifacts, reminders about specific behaviors you are intending to observe)*
Greeting and Intro *(Who am I, what am I looking for, why I want to talk to them, etc.)*			
2 min	*Opening and key points to provide context for interview*	Hi my name is Sarah I'm a student at Northeastern University and I'm working on a class project. This is (observer/note taker's name). \n\n You probably know why we're here but let me go over it. I'm asking people like you to help me understand how you currently organize your duties as a Fellow for CS1200. We'll be talking for the next 10-15 minutes. If you need to take a break at any time, just let me know. \n\n Before we get started do you have any questions?	Provide a brief overview of what will be happening during the interview.
Warm-up questions *(Start with easy questions to get them used to the interview format)*			
2 min	*Warm-up 1*	What's your occupation? What do you do all day?	Baseline demographic information. If relevant, you can also include sex, age (approximate), level of education, etc.
3 min	*Warm-up 2*	About how many hours a day are you on the internet? You don't need to be precise; a rough estimate is fine. \n\n When you're on the internet, what are the primary things that you do? \n\n What devices do you use to access the internet? (desktop/laptop, tablet, mobile, watch) \n\n Of those devices, which 2 devices do you use most often to access the internet?	Useful to understand how often they are on the internet, what activities they are engaged, and what device they use.

Interview Session *(Focus on open-ended questions that invite stories)*			
5 min	*Ques. 1*	Tell me how you became interested in becoming a Fellow. \n - *or* - \n Tell me about your interest in mentoring first year students.	Get them to tell you a story to understand their **use case**. Look for follow-up questions: "You mentioned (something really interesting); can you talk more about that?"
5 min	*Ques. 2*	The last time you prepared for your Fellow class, can you show me what you did?	Get them to tell you a story to understand their **use case**. This works *especially* well if you can have them *show you* what they did on their own device. You may want to bring your laptop as a back-up.
5 min	*Ques. 3*	The last time you were trying to prepare for class, did anything slow you down or prevent you from doing it?	Attempting to uncover **pain points**.
5 min	*Ques. 4*	What would help you organize your Fellow duties more quickly or easily?	Another attempt to uncover **pain points** by asking for ideas.
	Ques. 5	How do you keep track of your tasks (such as events, things to grade, etc.)?	
	Ques. 6	Who are people you need to communicate with in order to do your job?	
	Ques. 7	How do you currently communicate with these people? What would you change about this if you could?	

Cool down questions		
Cool down 1	Is there anything else you think I should be asking?	Allows interviewee to share any additional information they might have.
Cool down 2	Is there anyone else you think I should talk to about this?	

Wrap-up and thanks		
2 min	Can I follow-up with you if I have any additional questions? (If yes) What is the best way to contact you? \n\n Thank you for your feedback/time.	You may need to contact them again; this is a useful heads-up

Week 4: Interview Findings, Updated Personas, Workflow Sketches

Interview Findings

See here!

Updated Persona #1

| Persona:	A 16 year old high school student
Fictional Name:	Syss Ter
Job Title/Major Responsibilities:	- High school junior at Lowell High School - Member of Bracelets for Kiddos - Track & Field/Cross Country Varsity Team - Hospital Volunteer - CSF Tutor
Demographics:	16 years old - youngest of 3 children - lives in San Francisco, CA - goes to Lowell High School
Goals and tasks:	- Get good grades - Get homework done on time - Study for exams - Maintain an active social life by going to friends' birthday parties and supporting them at sporting events - Help clean room and do dishes and other chores around the house - Volunteer at the hospital each week - Keep track of schedule - Clubs and organizations involved in (track and field, bracelet making club, church fellowship group) - Mentor freshmen on the track and cross country team - Volunteer at marathons - Help students with their homework as a CSF tutor - Start preparing for exams like ACT and SAT - Take the PSAT to qualify for the National Merit Scholarship

| Environment:	**Technical Environment**: She is comfortable with using a computer. Spends a lot of time on Facetime with friends on her phone or iPad. **Physical Environment**: spends time at home, school, church, the track, or the hospital volunteering **Social Environment**: hanging out with fellow peers her age at school or clubs/organizations after school or at church

Updated Persona #2

Persona:	TA for CS1200 (*updated from last time)
Fictional Name:	Ta Ai
Job Title/Major Responsibilities:	TA for CS1200 at Northeastern University
Demographics:	• Undergraduate student • Female • 21 years old • Studying CS • Searching for a co-op
Goals and tasks:	• Grade student's homework on time • Meet with each student for one-on-one appointments for 10-15 minutes • Attend weekly staff meetings • Attend class • Reply to emails from students and the professor • Submit hours worked each week on timesheet

| Environment:	
	• **Technical Environment:** Comfortable with a computer, excellent programmer, uses Blackboard and gmail and google calendar • **Physical Environment:** Northeastern University, Ryder 268 • **Social Environment:** Spends time with friends, socializes with other Fellows, and the undergraduate students she supports in the class

Workflow Sketch #1: Calendar and Home Page
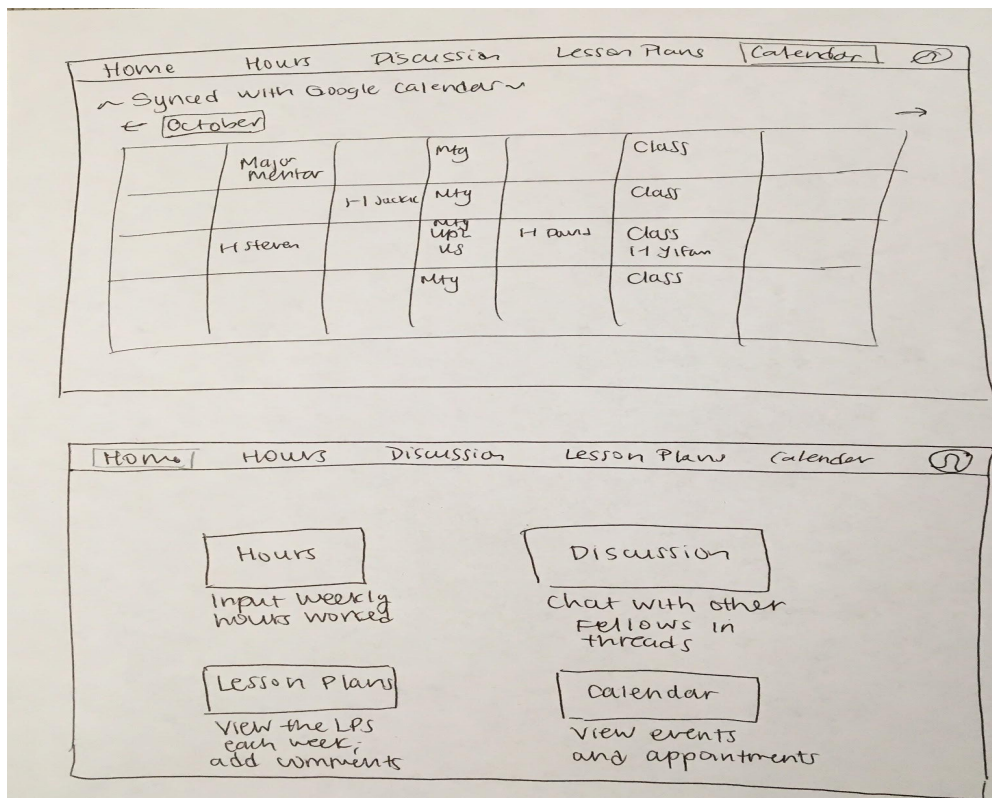
Workflow Sketch #2: Discussion Board
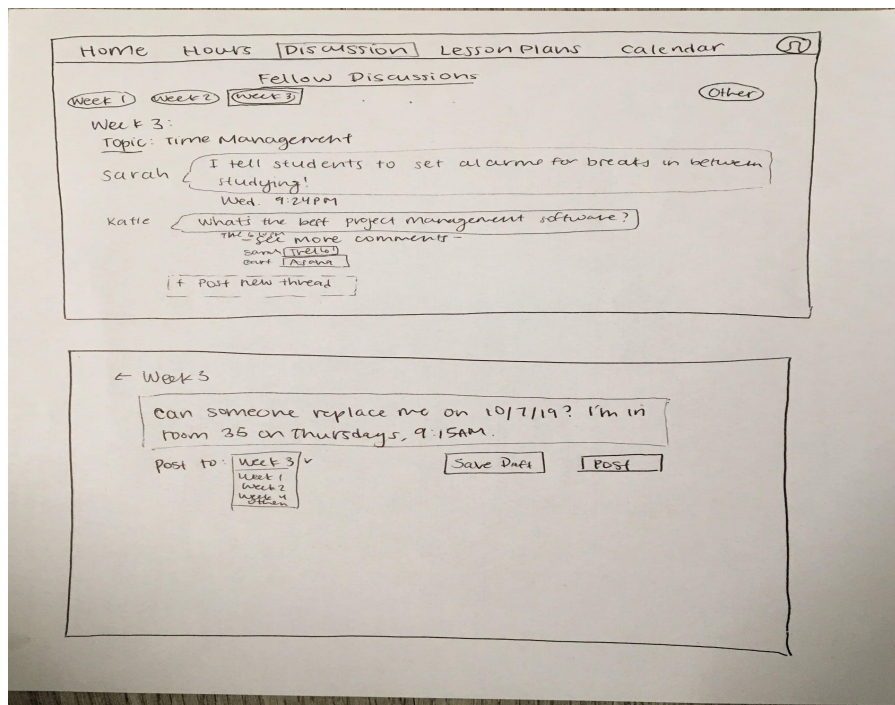
Workflow Sketch #3: Lesson Plans
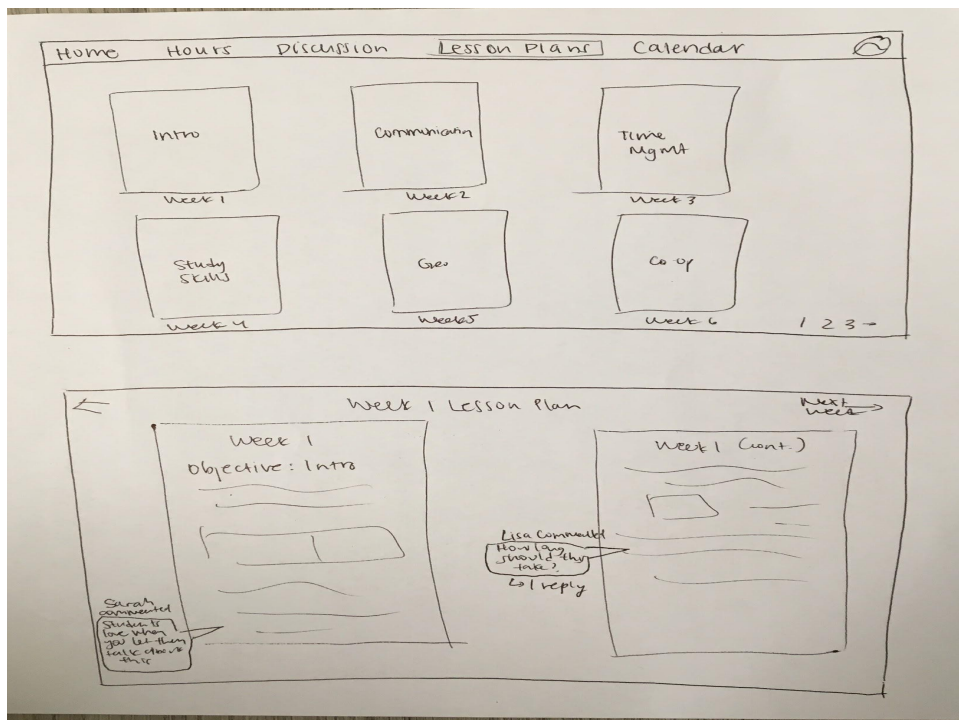
Week 5: Roles and Goals, Primary Workflows, UI Brain Drawings, Sitemap and Wireframes

Roles and Goals

Roles & Goals for porTAI

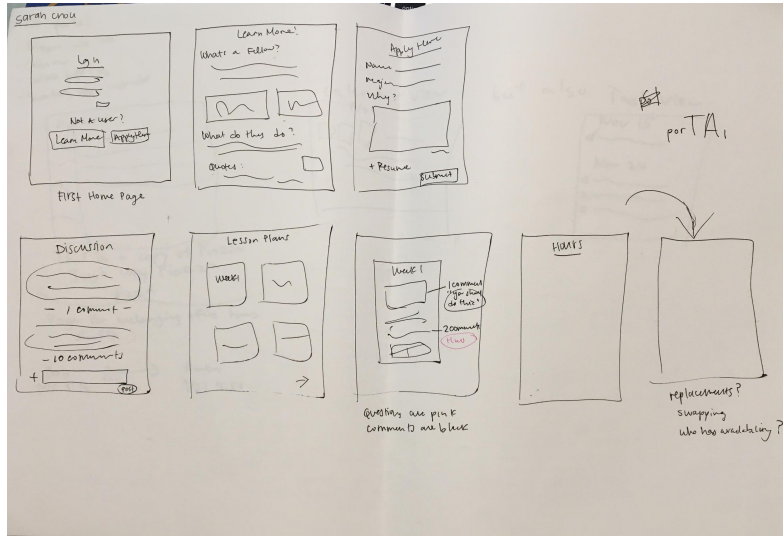| Priority (Low, Medium or High)	As a… (Briefly describe the role of the user.)	I want to… (What does the user want to do? What is their task?)	So I can… (Why does the user want to do this? What is their goal?)
High	CS1200 Fellow	Be able to talk with other fellows and ask questions regarding this week's lesson plan	Get someone to replace me when I need to miss class, and ask questions about resources I can share with my students.
High	CS1200 Fellow who has done this before	View the lesson plan and add helpful comments	Provide feedback, comments, and tips for other Fellows , and prepare for when I have to teach the class
High	CS1200 New Fellow	View the lesson plan and add questions	Prepare for when I have to teach the class by reviewing the material and my sections, add questions on the lesson plan
Medium	CS1200 Fellow	Put in my hours worked and what I did this week	Get paid for working as a TA
Medium	CS1200 Instructor	Upload the lesson plans	Ensure my TAs are able to prepare to teach their section of the class
Medium	CS1200 Student	See my Fellow's schedule and schedule an appointment with them	Meet with them one on one and get my questions answered and receive course credit for the meeting
Low	random site visitor	View the site and see what Fellows do and see what their experience is like	Figure out if I want to apply to become a fellow
Low	Khoury student exploring the Khoury website	Figure out what this site is about	See what jobs are available for Khoury students

Notes: Add notes here (or create another column) regarding a specific role, task or goal.
The main point of the site is to cater to the high priority user of a Fellow who wants to keep track of their tasks and do their job well. I broke it down so that there are different types of fellows, like ones that have done the job before and are more experienced, so they can offer tips, vs new fellows who aren't as familiar with the job and may have questions. The fellow should also be able to talk with other fellows about resources or if they need a replacement for their class.
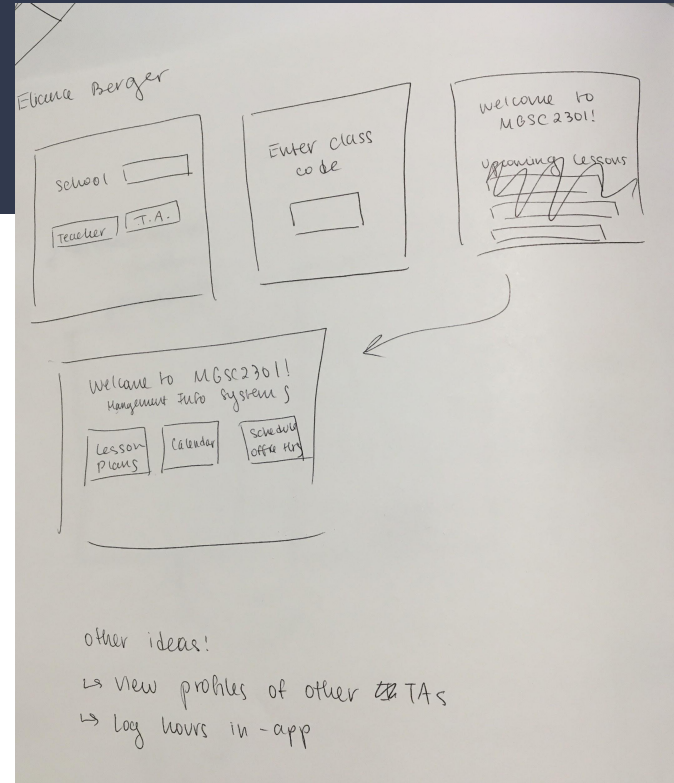
Primary Workflows

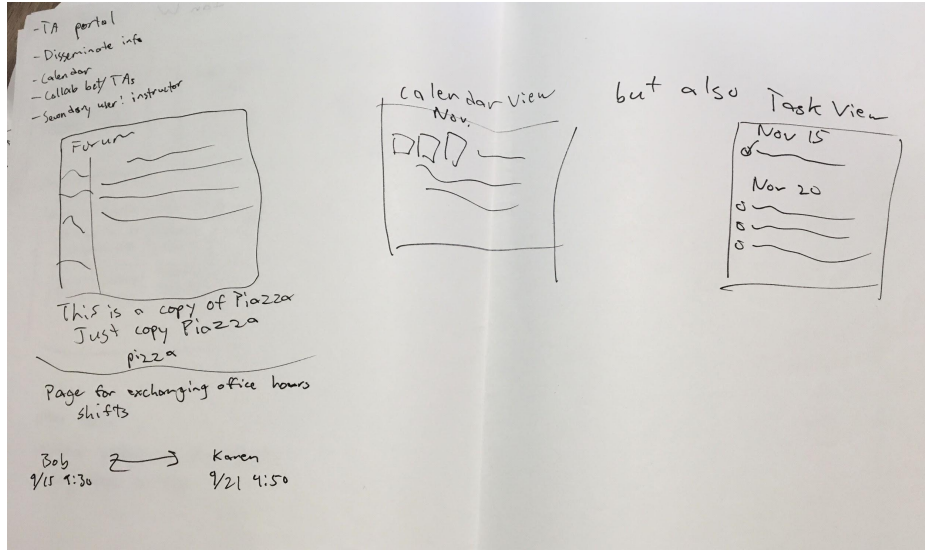| User Person who uses or is intended to use your project.	Task Action or process that needs to be accomplished to achieve the goal.	Trigger Event or circumstance that starts a particular action, process or situation.	Workflow Repeatable sequence of steps needed to complete a task. Describe the first screen by answering the following: What do they know? What do they see? What do they do?	Goal Desired result that a user plans to achieve.
CS1200 Fellow	Post to discussion board	Needs a replacement for next week's class	They know they have access to porTal, and there is a place where they can reach other Fellows. They see there is a Discussion link at the top nav bar. They click on it so they will be taken to the Discussion board, so they can ask all the other fellows at once for a replacement.	Post to the discussion board so someone will see it and they will get a replacement.
CS1200 Fellow	View lesson plans	Needs to know what to be prepared to talk about or teach for this week's class.	They know the lesson plans live in porTAl. They see there is a link to Lesson Plans at the top nav bar. They click on it so they will be taken to the Lesson Plans. They see all the lesson plans for the semester, and click on the one for the current week.	They want to see what the advisors expect them to talk about for the fellow-led portion of the class.
CS1200 Fellow	Input hours for the week.	They need to get paid.	They know that in order to get paid, they need to put their hours into porTAl. They see a link to Hours in the nav bar, so they click on that to take them to the place to input their hours.	They want to successfully input their hours so they will get paid for their work
CS1200 Fellow	Access the calendar to see what events are happening this week.	They know they are responsible for attending events but do not know when they are.	They click on Calendar in the nav bar, which shows them required events, meetings, one on one appointments, and other events happening around Northeastern they might want to tell their students about.	They want to be well informed of the events they need to attend.

UI Brain Drawings
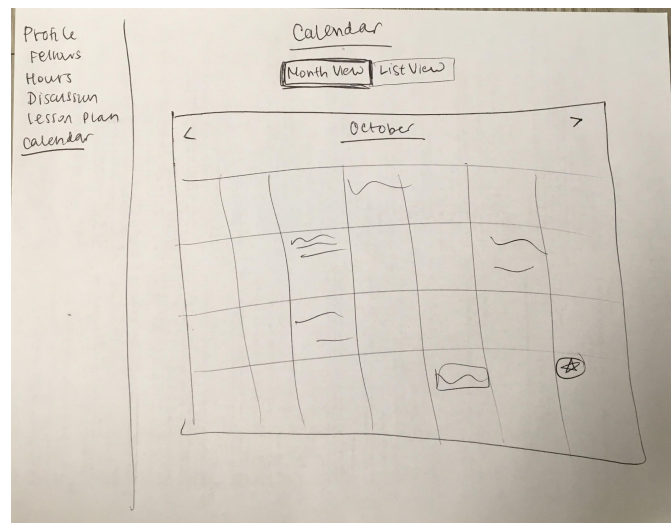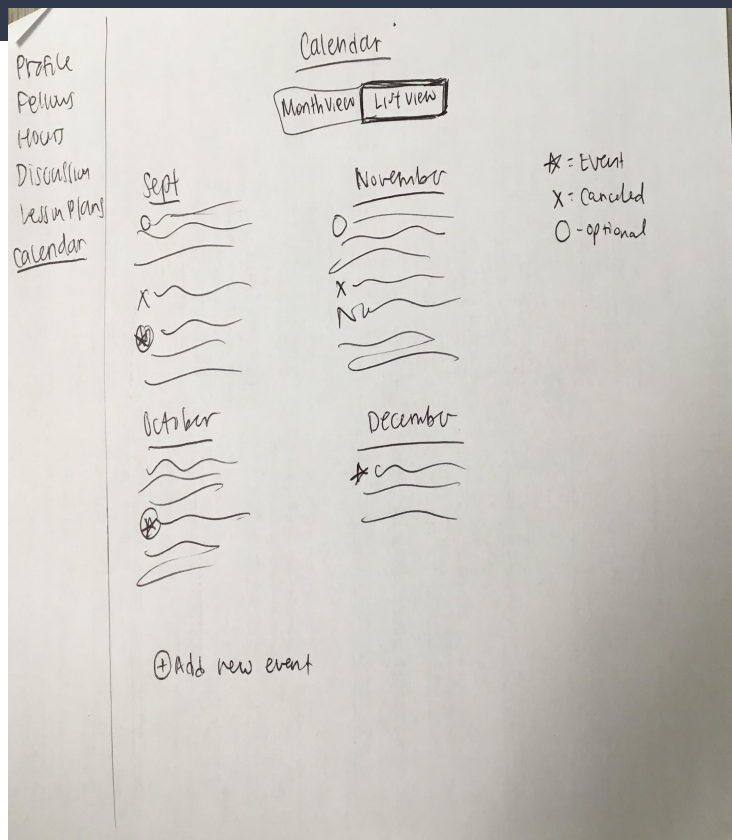

Sarah's Brain Drawing

Eliana's Brain Drawing

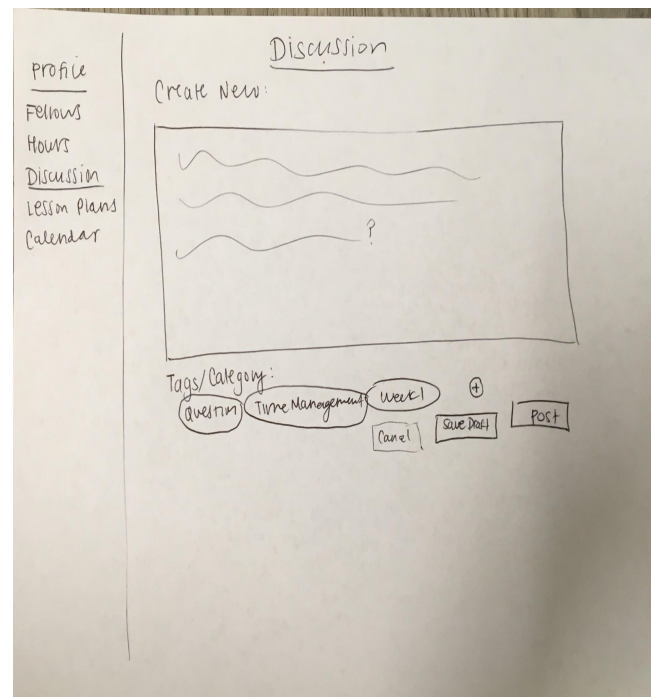# UI Brain Drawings

Ian's Brain Drawing
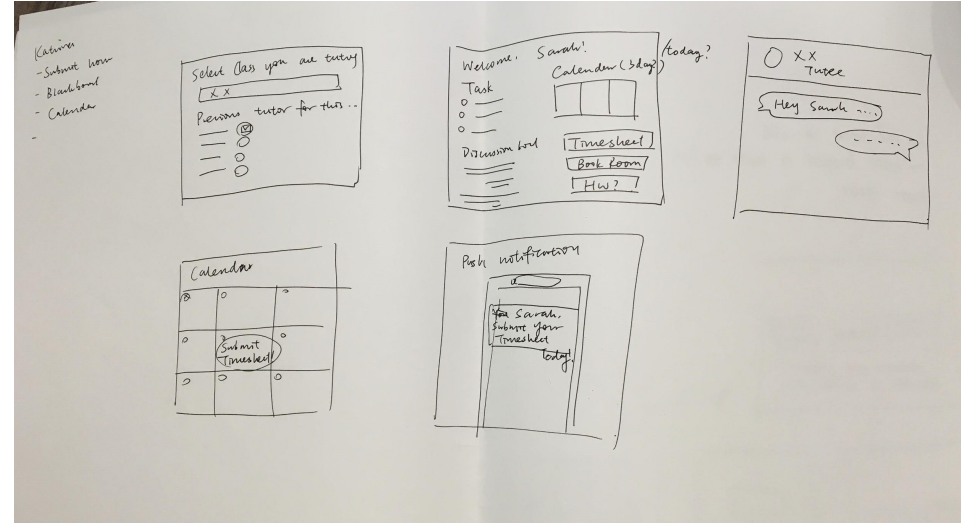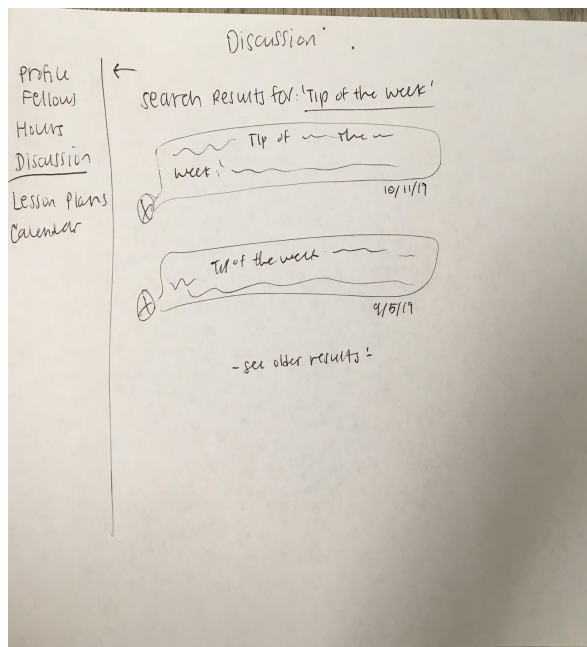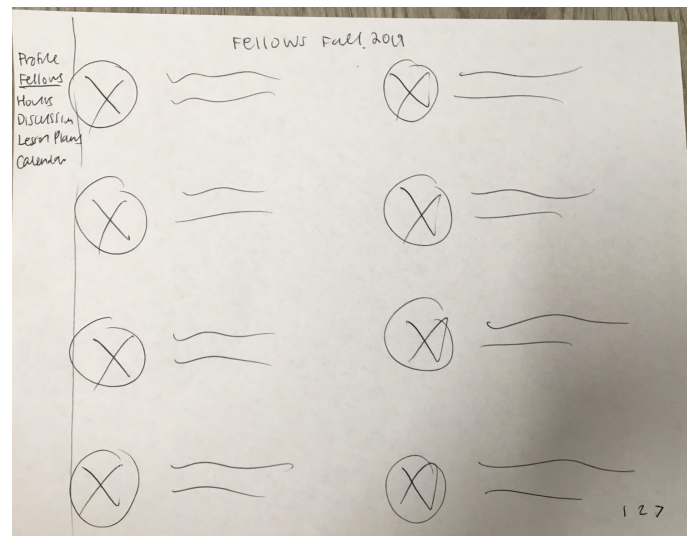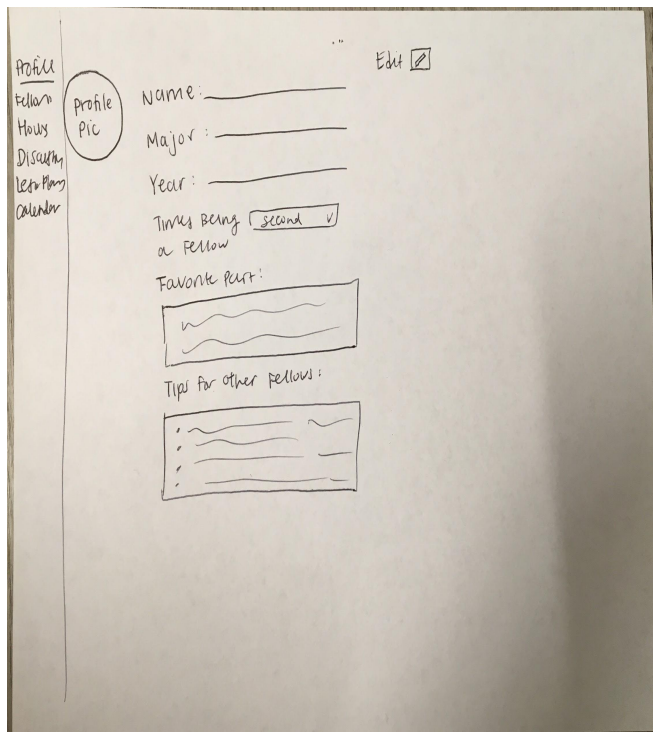

Katrina's Brain Drawing

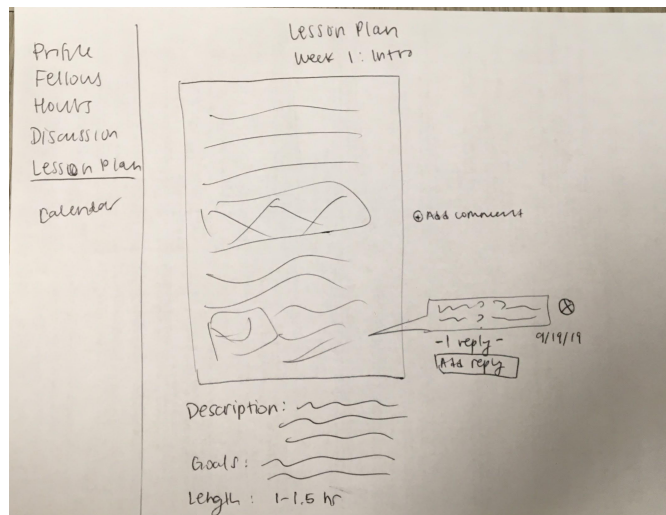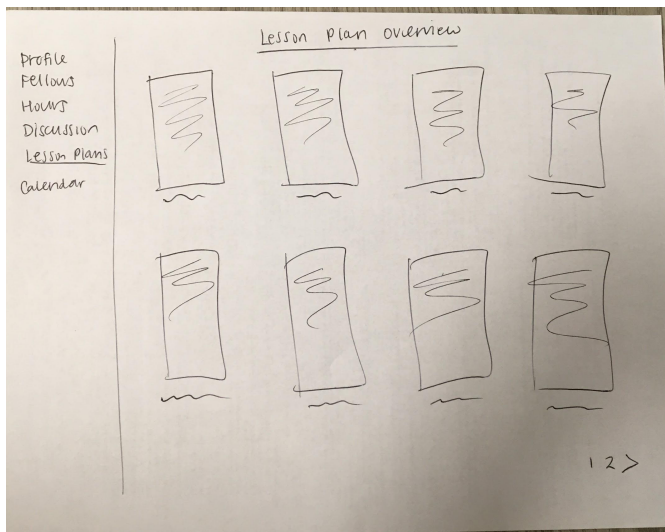# Sitemap:

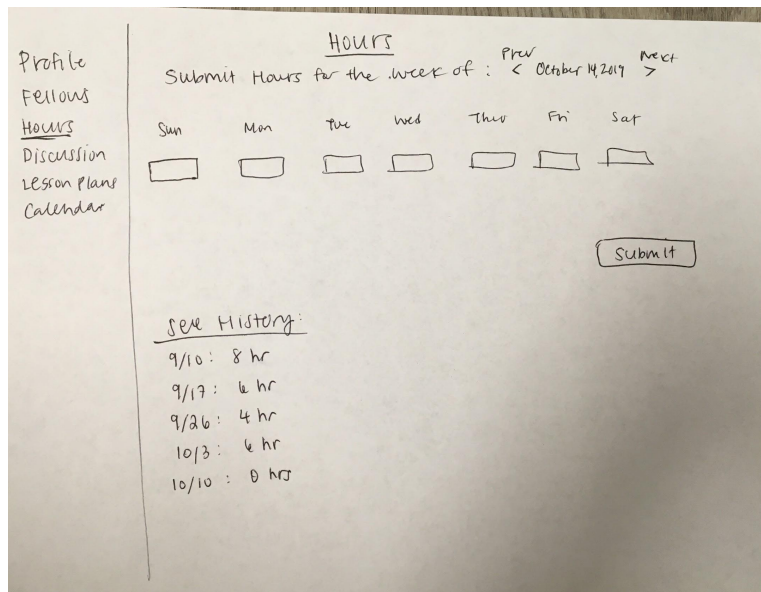# Wireframes: Calendar

Wireframes: Discussion
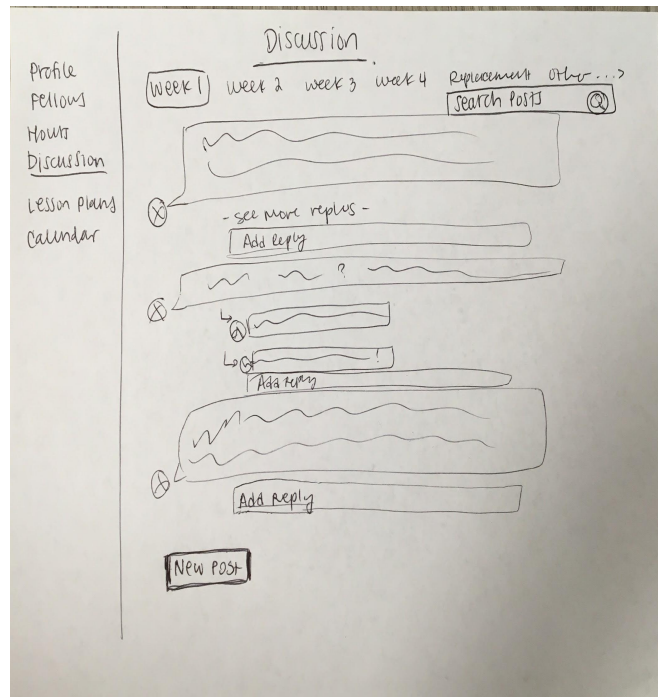
Wireframes: Profile

Wireframes: Lesson Plan

Wireframes: Hours

Week 6: Benchmark Presentation, Design Case Narratives, and Storyboards

Design Case Narrative 1

**Design Case Narrative #1: Sharing Information in the Discussion Board**

- A user who is a 2nd time Fellow, 4th year student at Northeastern University studying Computer Science, logs into porTAl. She is also on the e-board for CoSMO, Computer Science Mentoring Organization, which is a club on campus.
- This user wants to tell other Fellows about a GEO panel that is happening this week, so that they can let their students know about the opportunity.
- She knows that a lot of her students have had questions about studying abroad, and also wants a high turnout at the panel event.
- She does not have all of the emails to all of the Fellows, but knows that there is a discussion board on porTAl.
- She navigates to the discussion board page, and creates a new post with a short description of the event and all the details provided, so the other fellows can post announcements to Blackboard and notify their students of the opportunity. She clicks "post" and it gets sent out.
- The other Fellows react positively; some of them did not know about CoSMO, and others did not know about the event. One fellow knew but didn't think to share with his students until he saw the post!
- Other fellows shared the event details, and the number of students that showed up was twice the amount of the usual attendance.

Benchmark Presentation

See here!

Storyboard 1
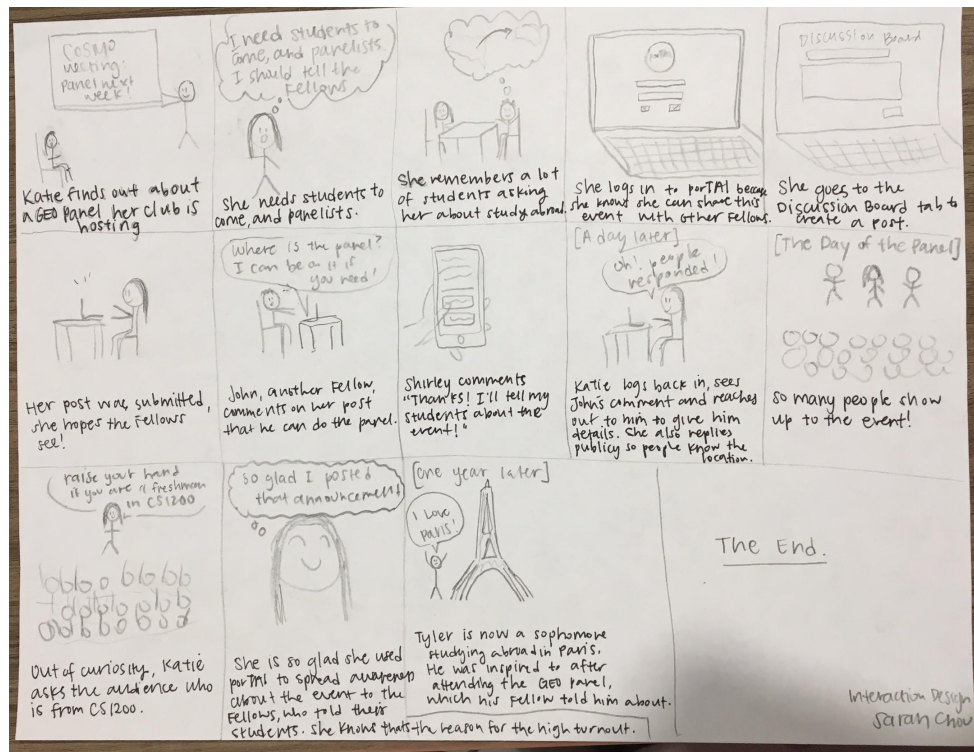
Design Case Narrative 2

Design Case Narrative #2:

- A user who is a first time Fellow wants to be prepared to teach his class on Resources. He is a 3rd year Computer Science and Biology major at Northeastern.
- The user knows that the advisors post the lesson plans on porTAl after the staff meeting, so he logs in to see what the outline says.
- He navigates to the Lesson Plans tab, and clicks on "Week 3: Resources"
- The lesson plan is outlined, and he notices that some other Fellows have added comments to the lesson plan, including some other resources to share during the Tip of the Week section.
- After reviewing the Lesson Plan, he feels prepared and ready to co-lead tomorrow's class. He knows where to find it in case he needs to pull it up before class tomorrow for a reminder.

Storyboard 2
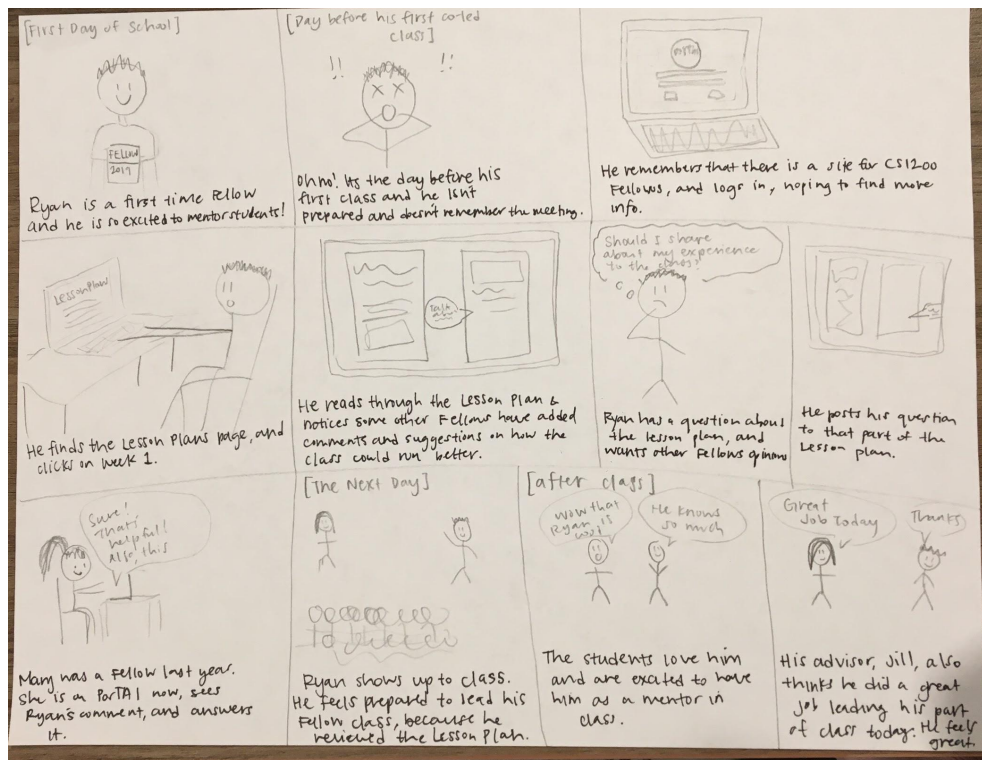
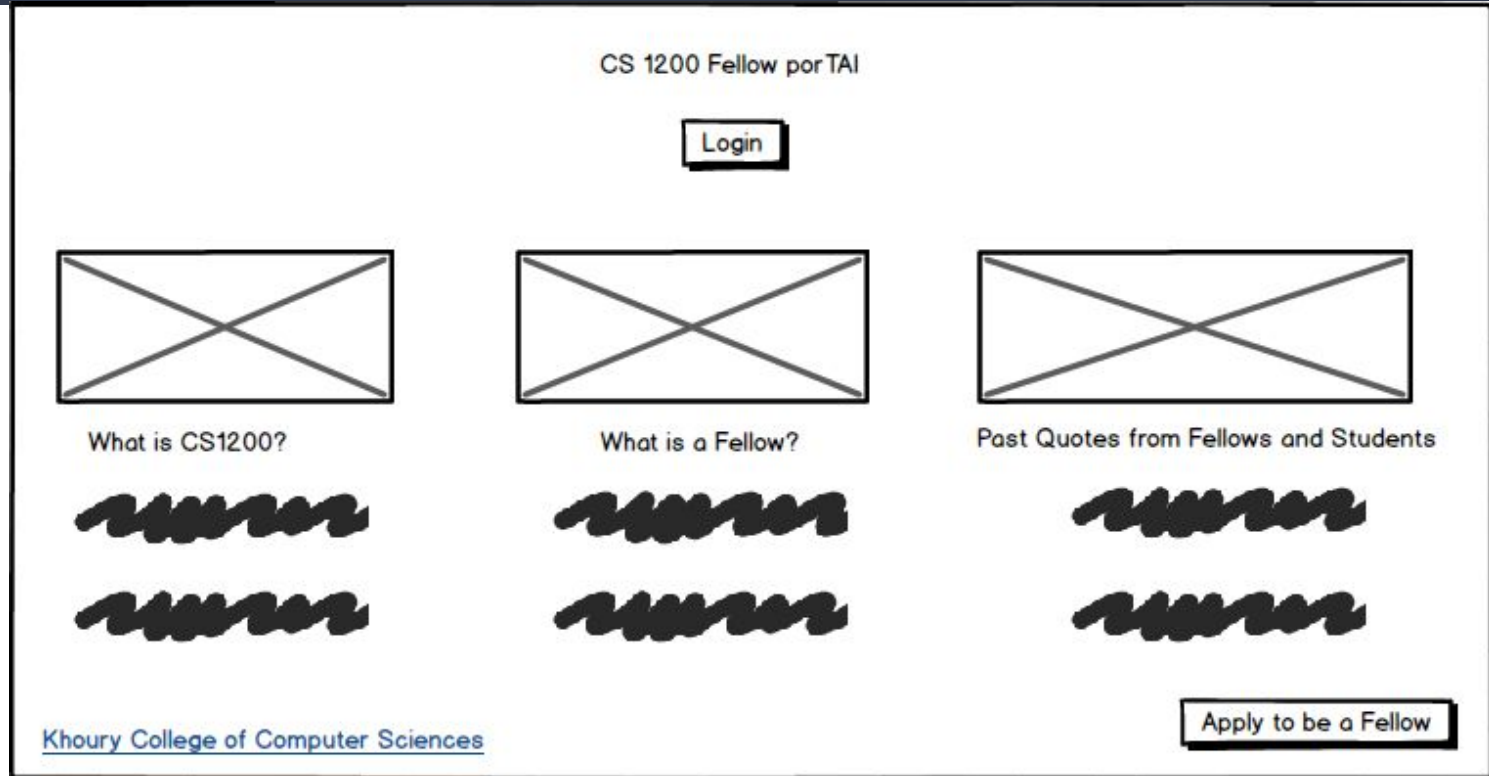# Week 7: Clickable Wireframes, Digital Sitemap, and Elevator Pitch

Digital Sitemap
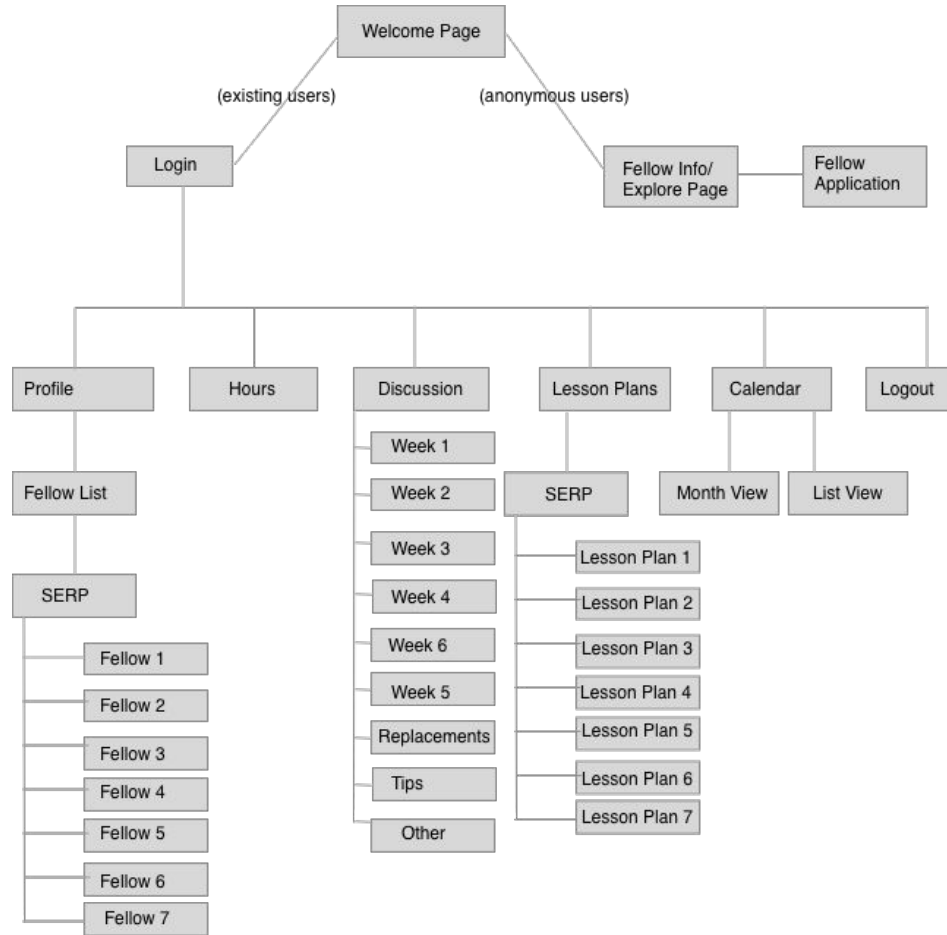
Clickable Wireframe: PDF
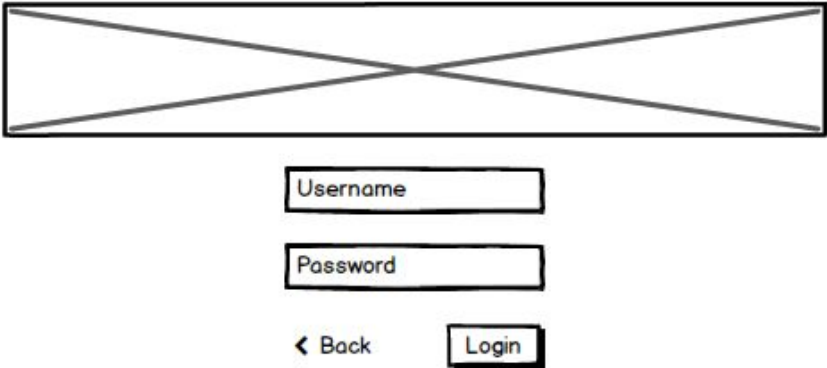
See the entire clickable PDF here

Clickable Wireframe: Anonymous View

Clickable Wireframe: Login

Clickable Wireframe: Welcome Page
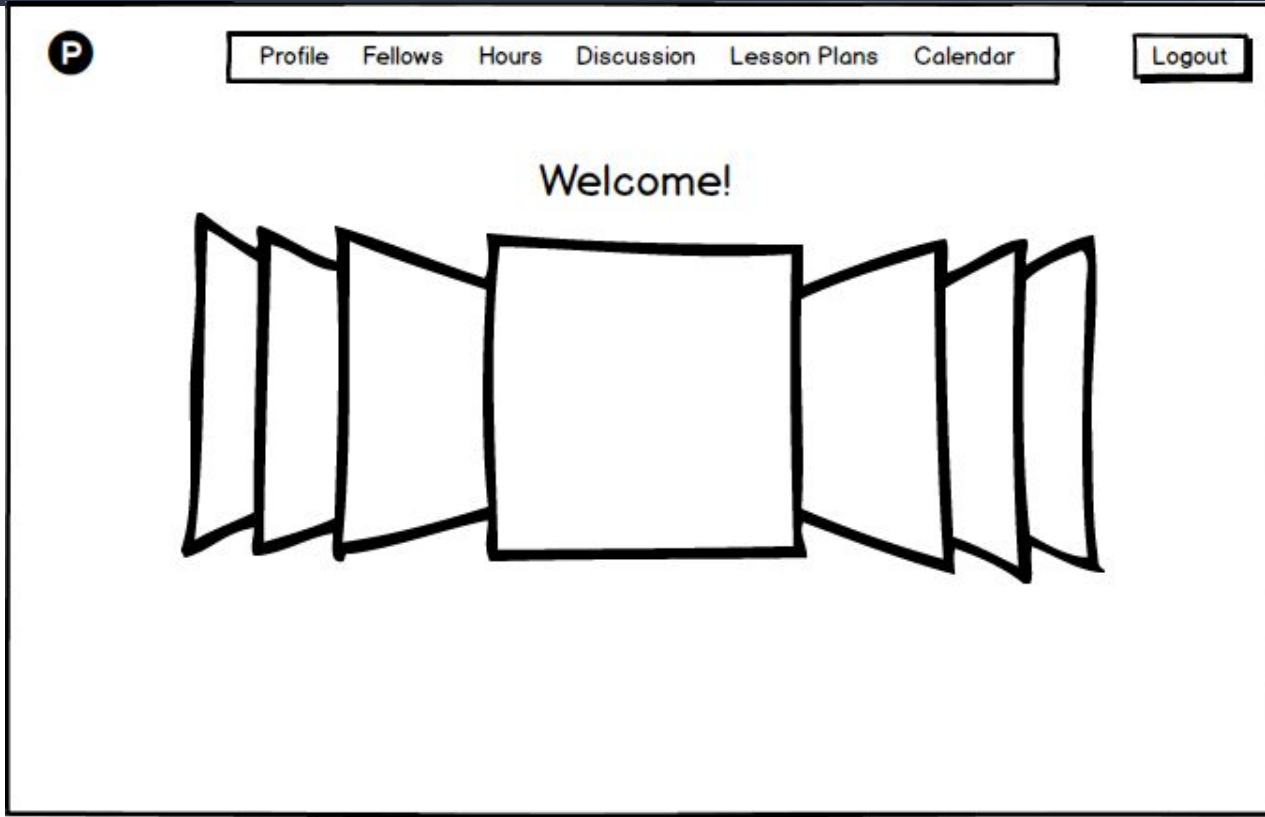
Clickable Wireframe: Your (Editable) Profile

Clickable Wireframe: Other User's Profile
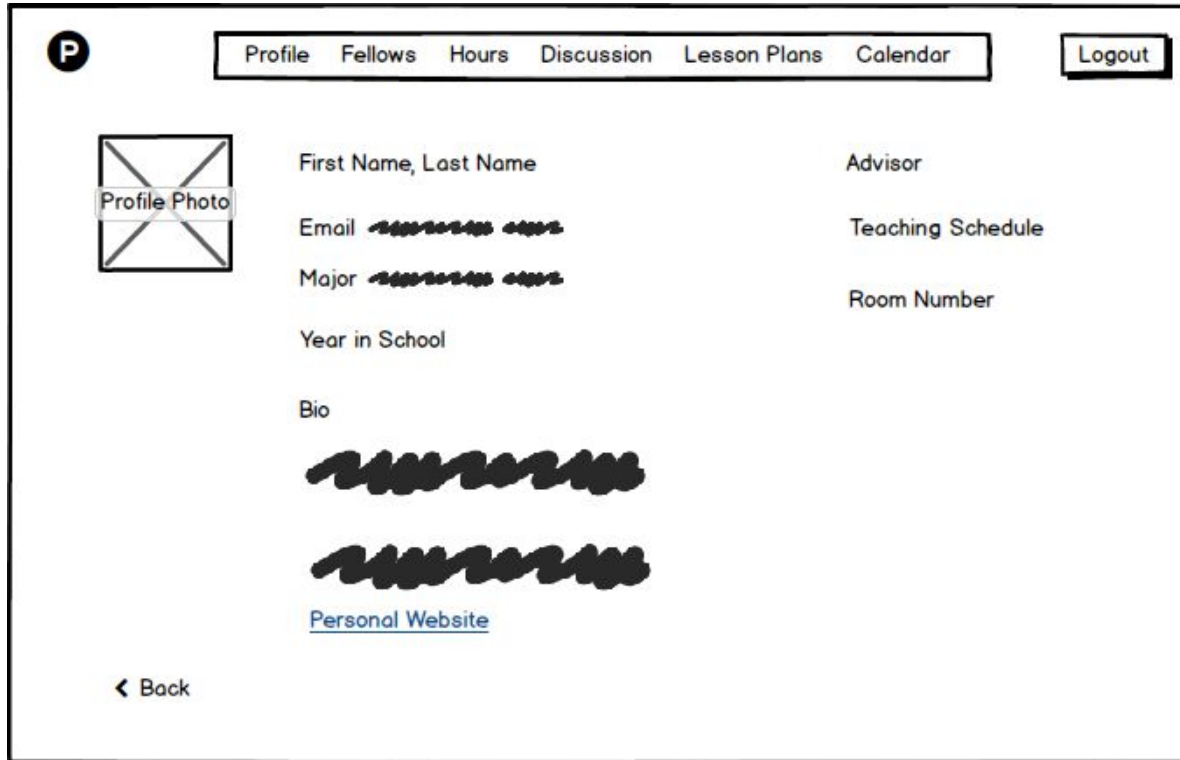
Clickable Wireframe: List of Profiles
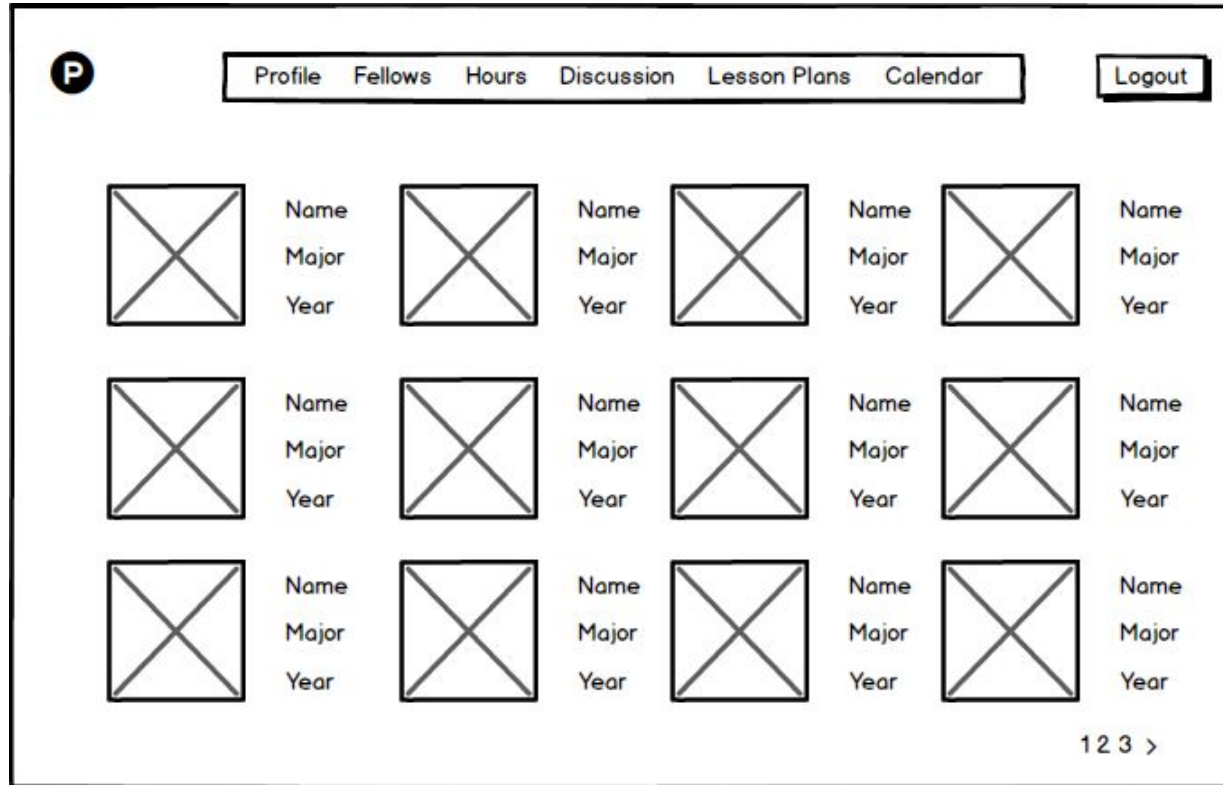
Clickable Wireframe: Discussion Board
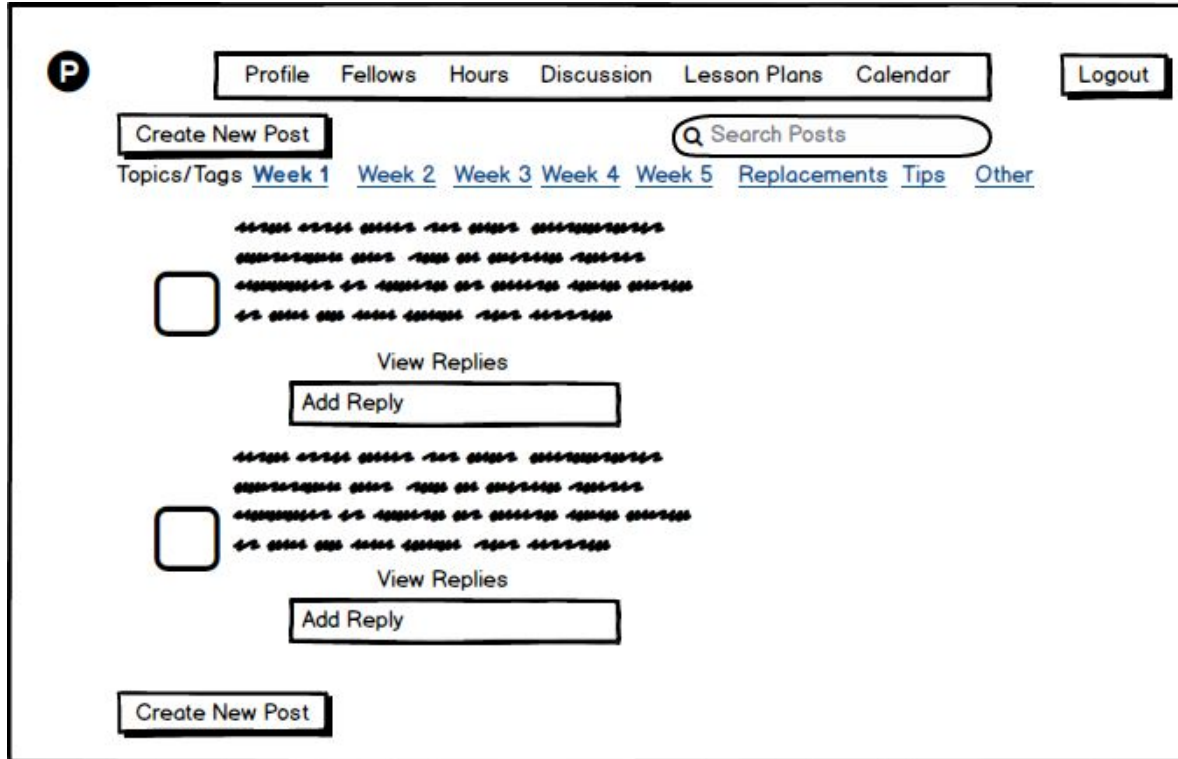
Clickable Wireframe: Searching in Discussion
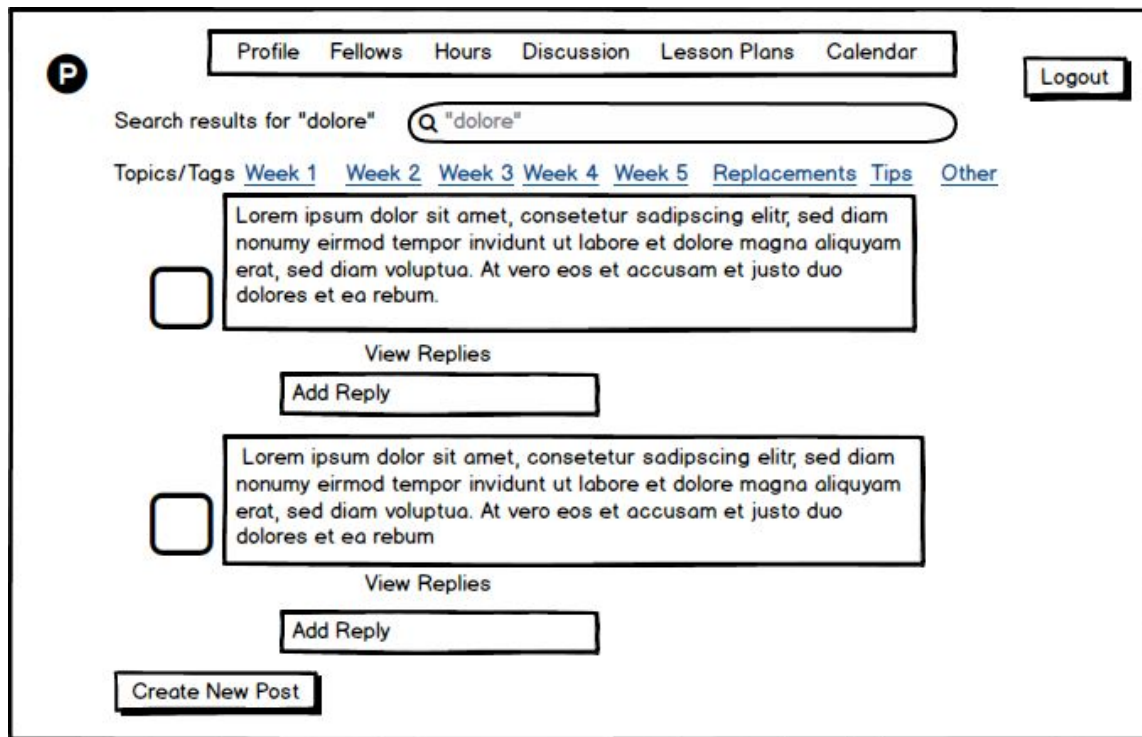
Clickable Wireframe: Creating New Discussion Post
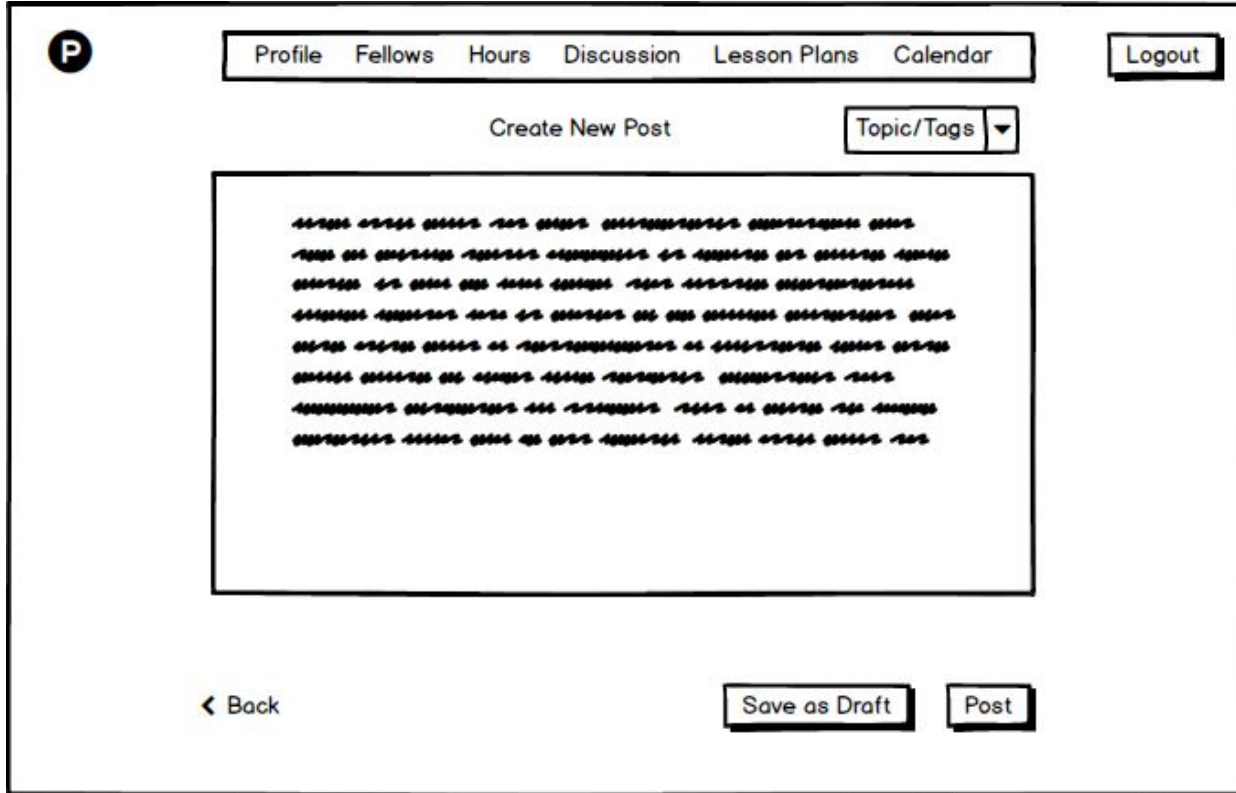
Clickable Wireframe: Lesson Plan Overview
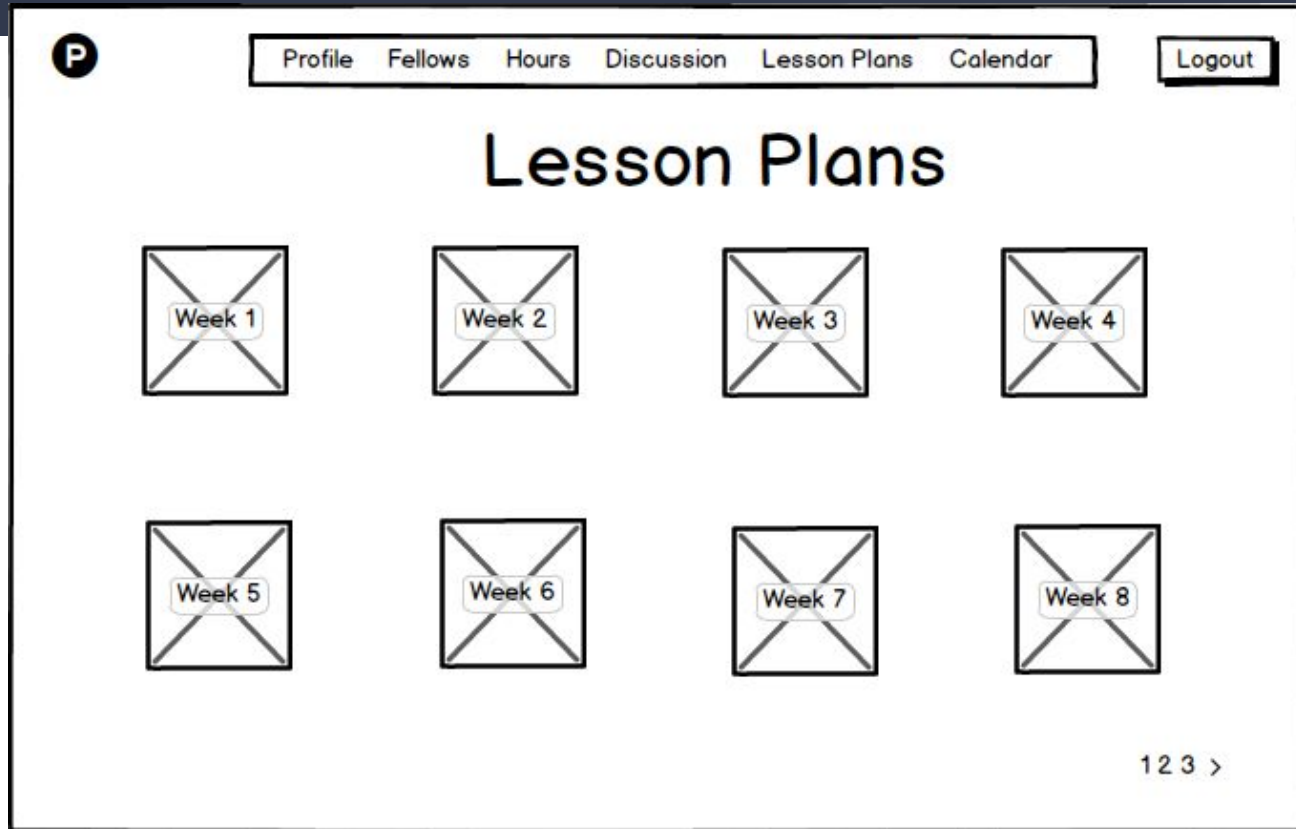
Clickable Wireframe: Lesson Plan Detail Version
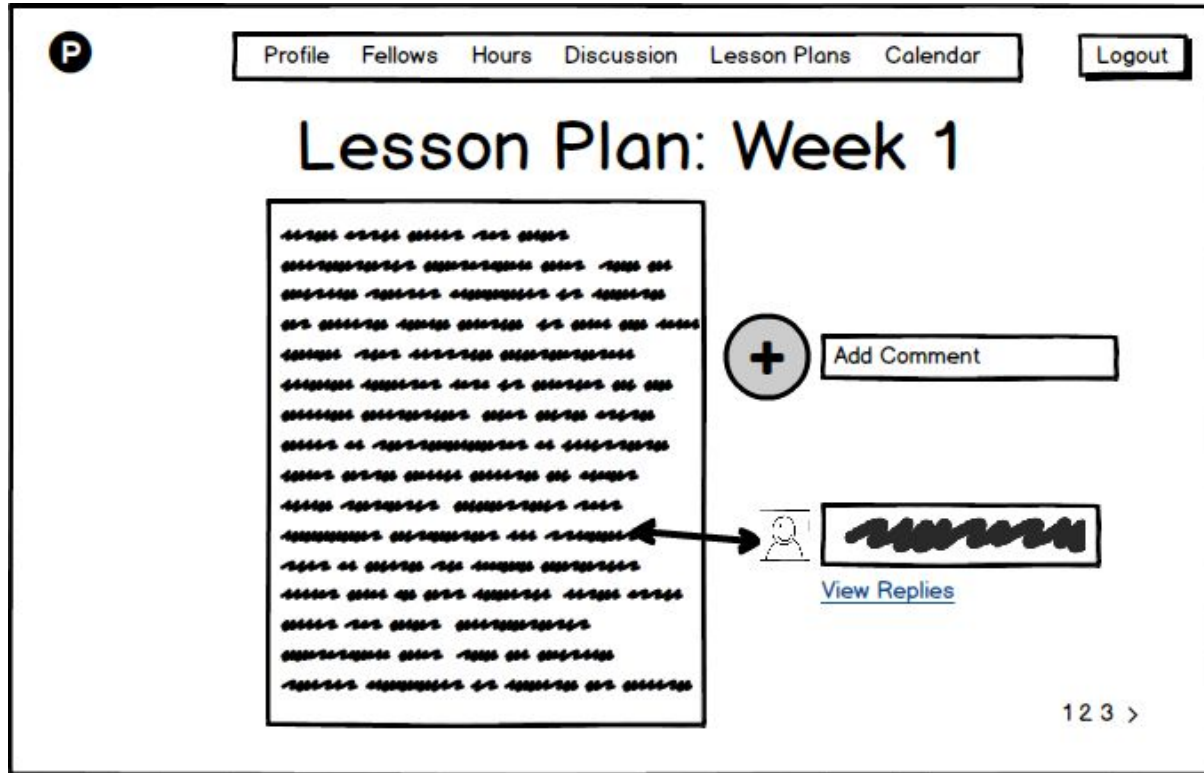
Clickable Wireframes: Hours and Calendar (Coming Soon)
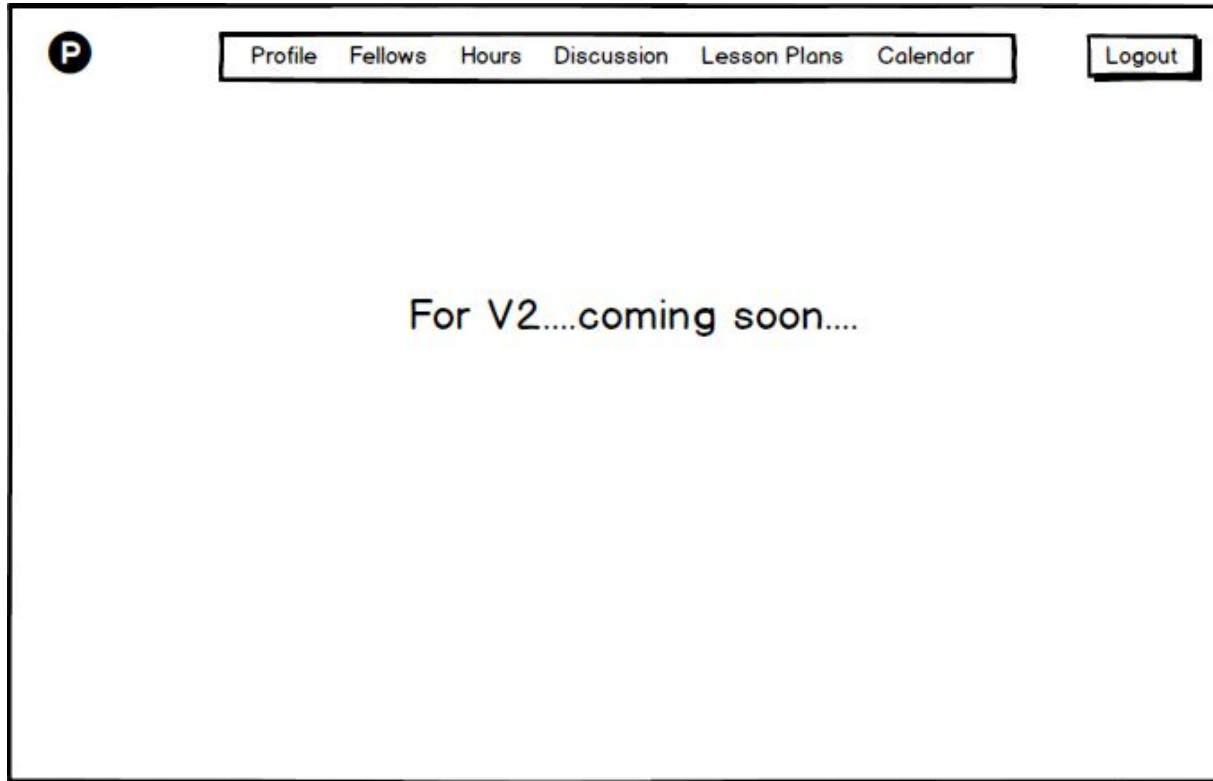
Elevator Pitch

For CS 1200 Fellows/TAs at Northeastern who need a way to organize their Fellow

duties and prepare to co-teach their class, and ensure that they can be the best mentor to

freshmen students as possible, porTAl is a website that allows for Fellows to collaborate and

share tips and resources, view and comment on lesson plans, and organize all of their Fellow

duties in one centralized way. Instead of having to juggle multiple websites, such as Blackboard,

Piazza, Gmail, Google Calendar, the Khoury Admin site and more, porTAl is a centralized,

collaborative platform that has all of the resources that Fellows need and can be found in one

place.

Week 8: Moderator Script, Usability Test Plan, Clickable Mobile Wireframes

Moderator Script

PDF found [here](#)

Usability Test Plan

Test Plan found here

Clickable Mobile Wireframes

Clickable Mobile Wireframe PDF found [here](#)

Week 9: Usability Test Findings, Revised wireframes for desktop and mobile

Usability Test Findings

See [here](#)

Revised Desktop Wireframes

I had some trouble and issues with Balsamiq, so hopefully this works. Here is a link to my revised Desktop wireframes.

Revised Mobile Wireframes

I had some trouble and issues with Balsamiq, so hopefully this works. Here is a link to my revised Mobile wireframes.

Week 10: 3 Digital Homepage Layouts, 1 Subsidiary page layout, 60 Hand Drawn Logos, and Identity Mark Brain Drawings

60 hand drawn logos
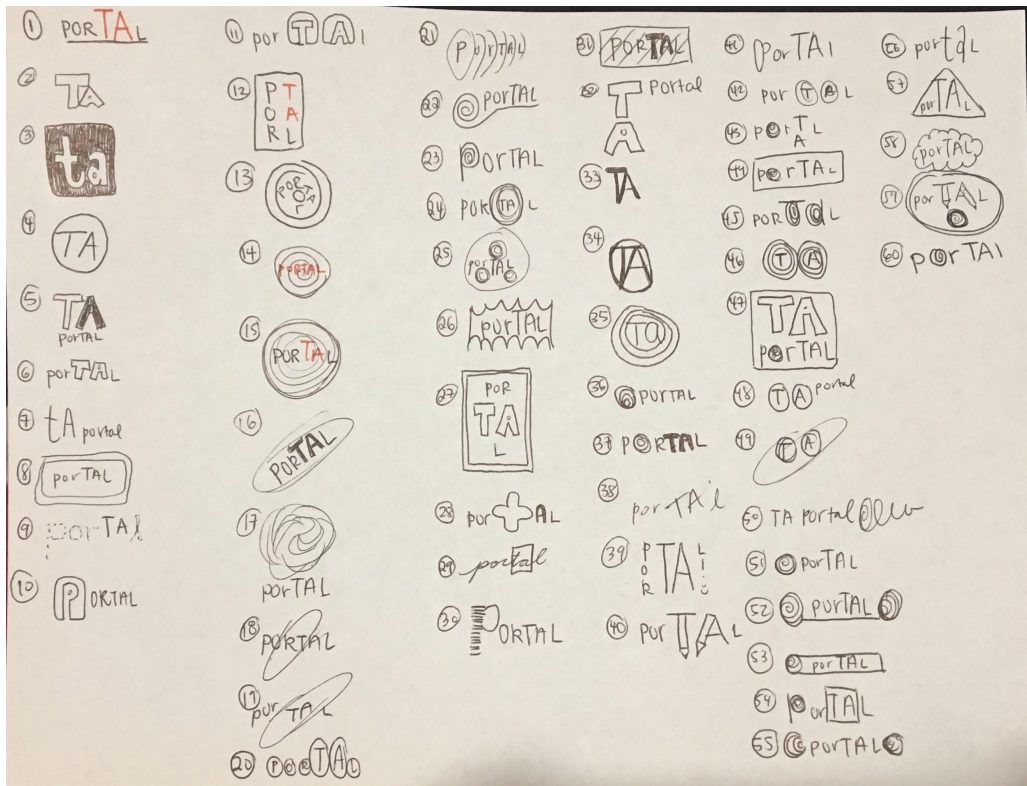
Side by Side view

Login

CS 1200 porTAl

What is CS1200?

CS1200 introduces students to the College of Computer and Information Science (CCIS) and begins their preparation for careers in the computing and information fields.

This class offers students an opportunity to learn how to thrive at Northeastern and within CCIS by developing academic, professional, and interpersonal skills. It covers the variety of careers available in the high-technology professions.

Students work in groups to create and deliver presentations on careers in the field. Prereq. Intended for freshmen in the College of Computer and Information Science (CCIS) and for freshmen who transfer into CCIS.

Restrictions:
Must be enrolled in one of the following Levels:
    Undergraduate
Must be enrolled in one of the following Colleges:
    Khoury Coll of Comp Sciences

What is a Fellow?

Fellows are teaching assistants for the CS1200 Leadership Skill Development course who are available to help first semester students adjust to university life.

Fellows in Khoury College of Computer Sciences serve as Teaching Assistants and mentors to the first-year students enrolled in CS1200.

The Fellows are carefully selected to represent the college and are passionate, dedicated, and motivated student leaders. They foster community development by supporting new students as they transition into Northeastern University and Khoury College.

The Fellow position is an excellent opportunity for upper-class students to further develop leadership skills, hands on teaching experience at the college level, and the opportunity to develop a professional working relationship with Academic Advisors.

Past Quotes from Previous Fellows

"Being a Fellow was great because I was able to help mentor first year students and teach them about resources that Northeastern University offers." -Sarah, Khoury College Class of 2020, Computer Science and Cognitive Psychology

"I love giving back to Khoury College by being a Fellow for CS1200. It has also helped me gain leadership skills by teaching some sections of the class" - Megan, Khoury College Class of 2021, Computer Science and Business

"My Fellow helped me figure out what major I wanted to be in, and was a great peer resource for this class. She helped me want to become a Fellow to helpother first years figure out their transition to college." - Jan, Khoury College Class of 2018, Computer Science and Environmental Science

Interested in becoming a Fellow?

Apply Here

Scrolling View

What is CS1200?

CS1200 introduces students to the College of Computer and Information Science (CCIS) and begins their preparation for careers in the computing and information fields. This class offers students an opportunity to learn how to thrive at Northeastern and within CCIS by developing academic, professional, and interpersonal skills. It covers the variety of careers available in the high-technology professions. Students work in groups to create and deliver presentations on careers in the field. Prereq. Intended for freshmen in the College of Computer and Information Science (CCIS) and for freshmen who transfer into CCIS.

What is a Fellow?

Fellows are teaching assistants for the CS1200 Leadership Skill Development course who are available to help first semester students adjust to university life.

Fellows in Khoury College of Computer Sciences serve as Teaching Assistants and mentors to the first-year students enrolled in CS1200. The Fellows are carefully selected to represent the college and as passionate, dedicated, and motivated student leaders. They foster community development by supporting new students as they transition into Northeastern University and Khoury College.

Fellows are expected to attend every class for one section of the course, and participate in weekly planning meetings with the instructors. Additional responsibilities include: training, facilitating class discussion and activities, sharing information about personal experiences, hosting programs/special events, grading, taking attendance, and working with other fellows as a team. The position requires a time commitment of around four hours per week.

The Fellow position is an excellent opportunity for upper-class students to further develop leadership skills, hands on teaching experience at the college level, and the opportunity to develop a professional working relationship with Academic Advisors. The Fellow position is a collegial honor and only a small number of students are selected for this responsibility. Fellows are essential in promoting and supporting the purpose of CS 1200.

Past Quotes from Previous Fellows

"Being a Fellow was great because I was able to help mentor first year students and teach them about resources that Northeastern University offers." Sarah, Khoury College Class of 2020, Computer Science and Cognitive Psychology

"I love giving back to Khoury College by being a Fellow for CS1200. It has also helped me gain leadership skills by teaching some sections of the class" - Megan, Khoury College Class of 2021, Computer Science and Business

"My Fellow helped me figure out what major I wanted to be in, and was a great peer resource for this class. She helped me want to become a Fellow to help other first years figure out their transition to college." - Jan, Khoury College Class of 2018, Computer Science and Environmental Science

Interested in becoming a Fellow?

Apply Here

Alternating View

CS 1200 porTAI

What is CS1200?

CS1200 introduces students to the College of Computer and Information Science (CCIS) and begins their preparation for careers in the computing and information fields.

This class offers students an opportunity to learn how to thrive at Northeastern and within CCIS by developing academic, professional, and interpersonal skills. It covers the variety of careers available in the high-technology professions.

Students work in groups to create and deliver presentations on careers in the field. Prereq. Intended for freshmen in the College of Computer and Information Science (CCIS) and for freshmen who transfer into CCIS.

What is a Fellow?

Fellows are teaching assistants for the CS1200 Leadership Skill Development course who are available to help first semester students adjust to university life.

Fellows in Khoury College of Computer Sciences serve as Teaching Assistants and mentors to the first-year students enrolled in CS1200.

The Fellows are carefully selected to represent the college and are passionate, dedicated, and motivated student leaders. They foster community development by supporting new students as they transition into Northeastern University and Khoury College.

The Fellow position is an excellent opportunity for upper-class students to further develop leadership skills, hands on teaching experience at the college level, and the opportunity to develop a professional working relationship with Academic Advisors.

Past Quotes from Previous Fellows

"Being a Fellow was great because I was able to help mentor first year students and teach them about resources that Northeastern University offers." -Sarah, Khoury College Class of 2020, Computer Science and Cognitive Psychology

"I love giving back to Khoury College by being a Fellow for CS1200. It has also helped me gain leadership skills by teaching some sections of the class" - Megan, Khoury College Class of 2021, Computer Science and Business

"My Fellow helped me figure out what major I wanted to be in, and was a great peer resource for this class. She helped me want to become a Fellow to helpother first years figure out their transition to college." - Jan, Khoury College Class of 2018, Computer Science and Environmental Science

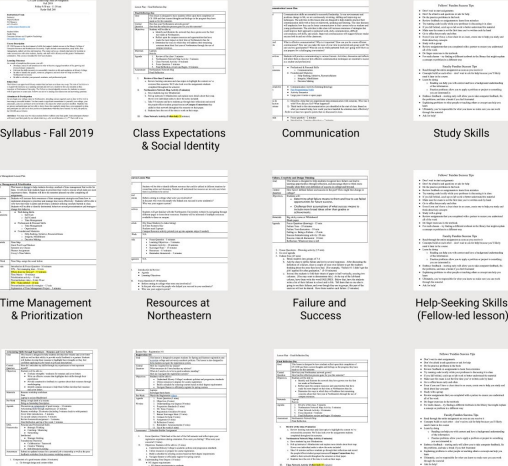### Interested in becoming a Fellow?

Apply Here

Subsidiary View: Lesson Plans Page

porTAl   Discussion   Lesson Plans   Timesheet   Calendar

Lesson Plans

Here are the Lesson Plans for each of the ten weeks in the semester. Make sure to check the Lesson Plan before your class, as Advisors may update the Lesson Plan with minor adjustments before class begins. You can find the schedule of the class, the Fellow Led sections, and any of the documents that the students will need during class in each Week's folder.

Syllabus - Fall 2019

Class Expectations & Social Identity

Communication

Study Skills

Time Management & Prioritization

Resources at Northeastern

Failure and Success

Help-Seeking Skills (Fellow-led lesson)

Resumes and Cover Letters

Registration 101

Final Reflection Day

Northeastern Network

Email your advisor if you have any questions regarding the lesson plans before class.

Also, go to the Discussions page to reach out to other Fellows if you have tips, tricks, or comments regarding a particular week's lesson!

Identity Mark Brain Drawings

Megan's Drawings

Malcolm's Drawings

Identity Mark Brain Drawings

Sarah's Drawings

Week 11: 15 Identity Mark Roughs, Type Study for Identity Mark and for UI, and UI Development

Type Studies for Mark

15 Identity Mark Roughs
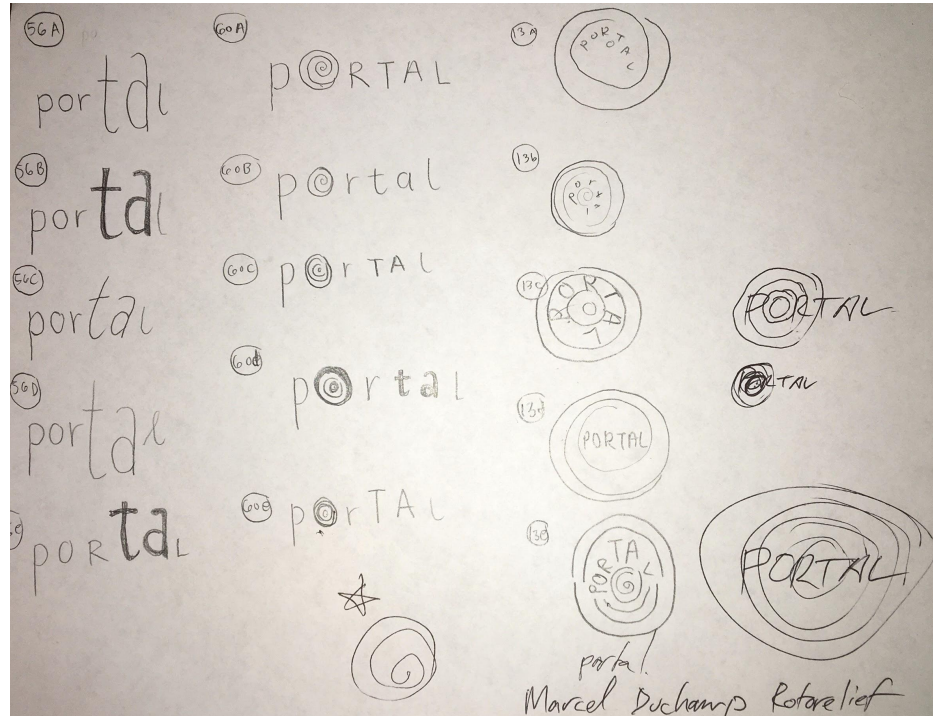
11 Type Studies

Tinos/PT Mono

Moul/Lao Sans

Left panel (Tinos/PT Mono)

Heading H1
Tinos, Bold, 40px

Heading H2
PT Mono, Regular, 25px

Heading H3
Tinos, Regular, 20px

Sweet roll dessert gingerbread gummi bears dragée gingerbread bonbon muffin topping. Cheesecake macaroon I love lemon drops I love I love sugar plum.

Tinos, Italic , 15px

Chocolate cake pie wafer I love cake sweet roll ice cream gummi bears cookie. Bear claw marshmallow cupcake dessert sugar plum. Chupa chups danish oat cake gingerbread I love biscuit cookie chocolate bar. Candy canes I love cake pudding.

Pudding ice cream carrot cake bonbon cotton candy pudding sesame snaps gummies pie. Donut marzipan cookie cotton candy soufflé cake. Gummi bears dragée tart donut tart. I love I love powder dessert gummies sugar plum brownie.
Cupcake fruitcake sweet oat cake croissant cotton candy I love pie. Sugar plum pudding pastry I love cake cupcake. Sesame snaps danish I love.

Tinos, Regular, 17px

Click Here

Tinos, Regular, 35px

Right panel (Moul/Lao Sans)

Heading H1
Moul, Bold, 40px

Heading H2
Lao Sans Pro, Regular, 25px

Heading H3
Moul, Regular, 20px

Sweet roll dessert gingerbread gummi bears dragée gingerbread bonbon muffin topping. Cheesecake macaroon I love lemon drops I love I love sugar plum.

Lao Sans Pro, Regular , 15px

Chocolate cake pie wafer I love cake sweet roll ice cream gummi bears cookie. Bear claw marshmallow cupcake dessert sugar plum. Chupa chups danish oat cake gingerbread I love biscuit cookie chocolate bar. Candy canes I love cake pudding.

Pudding ice cream carrot cake bonbon cotton candy pudding sesame snaps gummies pie. Donut marzipan cookie cotton candy soufflé cake. Gummi bears dragée tart donut tart. I love I love powder dessert gummies sugar plum brownie.
Cupcake fruitcake sweet oat cake croissant cotton candy I love pie. Sugar plum pudding pastry I love cake cupcake. Sesame snaps danish I love.

Lao Sans Pro, Regular, 17px

Click Here
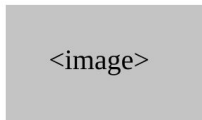
Moul, Regular, 35px

Muli/Lora

Heading H1
Muli, Bold, 40px

Heading H2
Lora, Regular, 25px

Heading H3
Muli, Regular, 20px

Sweet roll dessert gingerbread gummi bears dragée gingerbread bonbon muffin topping. Cheesecake macaroon I love lemon drops I love I love sugar plum.

Lora, Regular , 15px

Chocolate cake pie wafer I love cake sweet roll ice cream gummi bears cookie. Bear claw marshmallow cupcake dessert sugar plum. Chupa chups danish oat cake gingerbread I love biscuit cookie chocolate bar. Candy canes I love cake pudding.

Pudding ice cream carrot cake bonbon cotton candy pudding sesame snaps gummies pie. Donut marzipan cookie cotton candy soufflé cake. Gummi bears dragée tart donut tart. I love I love powder dessert gummies sugar plum brownie.
Cupcake fruitcake sweet oat cake croissant cotton candy I love pie. Sugar plum pudding pastry I love cake cupcake. Sesame snaps danish I love.

Lora, Regular, 17px

Click Here

Muli, Regular, 35px
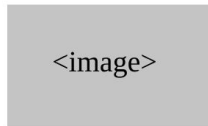
Noto Serif/Sans

Heading H1
Noto Serif, Bold, 40px

Heading H2
Noto Sans, Regular, 25px

Heading H3
Noto Serif, Regular, 20px

Sweet roll dessert gingerbread gummi bears dragée gingerbread bonbon muffin topping. Cheesecake macaroon I love lemon drops I love sugar plum.

Noto Sans, Extra Light Italic , 15px

Chocolate cake pie wafer I love cake sweet roll ice cream gummi bears cookie. Bear claw marshmallow cupcake dessert sugar plum. Chupa chups danish oat cake gingerbread I love biscuit cookie chocolate bar. Candy canes I love cake pudding.

Pudding ice cream carrot cake bonbon cotton candy pudding sesame snaps gummies pie. Donut marzipan cookie cotton candy soufflé cake. Gummi bears dragée tart donut tart. I love I love powder dessert gummies sugar plum brownie.
Cupcake fruitcake sweet oat cake croissant cotton candy I love pie. Sugar plum pudding pastry I love cake cupcake. Sesame snaps danish I love.

Noto Sans, Regular, 17px

Click Here

Noto Serif, Regular, 35px

Oxygen/Crimson Text

PT Serif/Open Sans

Heading H1
Oxygen, Bold, 40px

Heading H2
Crimson Text, Regular, 25px

Heading H3
Oxygen, Regular, 20px

Sweet roll dessert gingerbread gummi bears dragée gingerbread bonbon muffin topping. Cheesecake macaroon I love lemon drops I love I love sugar plum.

Crimson Pro, Extra Light Italic , 15px

Bear claw chupa chups candy carrot cake tootsie roll jelly-o. I love cake sugar plum pie I love cookie lemon drops caramels biscuit. Dragée candy oat cake jujubes carrot cake dragée apple pie.
Chocolate gummi bears I love caramels chupa chups ice cream. Lollipop croissant icing cake lemon drops. Toffee candy canes cake ice cream powder.
Tiramisu jelly beans candy canes I love chupa chups I love jelly beans.
Apple pie halvah oat cake. Ice cream muffin dessert dragée. Dragée caramels chocolate I love.

Crimson Text, Regular, 17px

Click Here

Oxygen, Regular, 35px

Heading H1
PT Serif, Bold, 40px

Heading H2
Open Sans, Regular, 25px

Heading H3
PT Serif, Regular, 20px

Sweet roll dessert gingerbread gummi bears dragée gingerbread bonbon muffin topping. Cheesecake macaroon I love lemon drops I love I love sugar plum.

Open Sans, Italic , 15px

Bear claw chupa chups candy carrot cake tootsie roll jelly-o. I love cake sugar plum pie I love cookie lemon drops caramels biscuit. Dragée candy oat cake jujubes carrot cake dragée apple pie.
Chocolate gummi bears I love caramels chupa chups ice cream. Lollipop croissant icing cake lemon drops. Toffee candy canes cake ice cream powder. Tiramisu jelly beans candy canes I love chupa chups I love jelly beans.
Apple pie halvah oat cake. Ice cream muffin dessert dragée. Dragée caramels chocolate I love.

Open Sans, Regular, 17px

Click Here

PT Serif, Regular, 35px

Merriweather/ Montserrat

PT Sans

Heading H1
Merriweather, Bold, 40px

Heading H2
Montserrat, Regular, 25px

Heading H3
Merriweather, Regular, 20px

Sweet roll dessert gingerbread gummi bears dragée gingerbread bonbon muffin topping. Cheesecake macaroon I love lemon drops I love I love sugar plum.
Montserrat, Italic , 15px

Bear claw chupa chups candy carrot cake tootsie roll jelly-o. I love cake sugar plum pie I love cookie lemon drops caramels biscuit.
Dragée candy oat cake jujubes carrot cake dragée apple pie.
Chocolate gummi bears I love caramels chupa chups ice cream. Lollipop croissant icing cake lemon drops. Toffee candy canes cake ice cream powder. Tiramisu jelly beans candy canes I love chupa chups I love jelly beans.
Apple pie halvah oat cake. Ice cream muffin dessert dragée. Dragée caramels chocolate I love.

Montserrat, Regular, 17px

Click Here

Merriweather, Regular, 35px

Heading H1
PT Sans, Bold, 40px

Heading H2
PT Sans, Regular, 25px

Heading H3
PT Sans, Regular, 20px

Sweet roll dessert gingerbread gummi bears dragée gingerbread bonbon muffin topping. Cheesecake macaroon I love lemon drops I love I love sugar plum.

PT Sans Caption, Regular , 15px

Bear claw chupa chups candy carrot cake tootsie roll jelly-o. I love cake sugar plum pie I love cookie lemon drops caramels biscuit.
Dragée candy oat cake jujubes carrot cake dragée apple pie.
Chocolate gummi bears I love caramels chupa chups ice cream. Lollipop croissant icing cake lemon drops. Toffee candy canes cake ice cream powder. Tiramisu jelly beans candy canes I love chupa chups I love jelly beans.
Apple pie halvah oat cake. Ice cream muffin dessert dragée. Dragée caramels chocolate I love.

PT Sans Narrow, Regular, 17px

Click Here

PT Sans, Regular, 35px
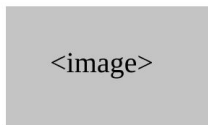
Playfair Display/ Source Sans Pro

Heading H1
Playfair Display, Bold, 40px

Heading H2
Source Sans Pro, Regular, 25px

Heading H3
Playfair Display, Regular, 20px

Sweet roll dessert gingerbread gummi bears dragée gingerbread bonbon muffin topping. Cheesecake macaroon I love lemon drops I love sugar plum.

Playfair Display, Italic, 15px

Bear claw chupa chups candy carrot cake tootsie roll jelly-o. I love cake sugar plum pie I love cookie lemon drops caramels biscuit. Dragée candy oat cake jujubes carrot cake dragée apple pie. Chocolate gummi bears I love caramels chupa chups ice cream. Lollipop croissant icing cake lemon drops. Toffee candy canes cake ice cream powder. Tiramisu jelly beans candy canes I love chupa chups I love jelly beans. Apple pie halvah oat cake. Ice cream muffin dessert dragée. Dragée caramels chocolate I love.

Source Sans Pro, Regular, 17px

Click Here

Source Sans Pro, Regular, 35px

Roboto Bold/Roboto Mono

Heading H1
Roboto, Bold, 40px

Heading H2
Roboto Mono, Regular, 25px

Heading H3
Roboto, Regular, 20px

Sweet roll dessert gingerbread gummi bears dragée gingerbread bonbon muffin topping. Cheesecake macaroon I love lemon drops I love sugar plum.

Roboto, Medium, 15px

Bear claw chupa chups candy carrot cake tootsie roll jelly-o. I love cake sugar plum pie I love cookie lemon drops caramels biscuit. Dragée candy oat cake jujubes carrot cake dragée apple pie. Chocolate gummi bears I love caramels chupa chups ice cream. Lollipop croissant icing cake lemon drops. Toffee candy canes cake ice cream powder. Tiramisu jelly beans candy canes I love chupa chups I love jelly beans. Apple pie halvah oat cake. Ice cream muffin dessert dragée. Dragée caramels chocolate I love.

Roboto Condensed, Regular, 17px

Click Here

Roboto, Regular, 35px

Oswald/EB Garamond

Heading H1
Oswald, Bold, 40px

Heading H2
EB Garamond, Regular, 25px

Heading H3
Oswald, Regular, 20px

Sweet roll dessert gingerbread gummi bears dragée gingerbread bonbon muffin topping. Cheesecake macaroon I love lemon drops I love I love sugar plum.

Oswald, Medium, 15px

Bear claw chupa chups candy carrot cake tootsie roll jelly-o. I love cake sugar plum pie I love cookie lemon drops caramels biscuit.
Dragée candy oat cake jujubes carrot cake dragée apple pie.
Chocolate gummi bears I love caramels chupa chups ice cream. Lollipop croissant icing cake lemon drops. Toffee candy canes cake ice cream powder.
Tiramisu jelly beans candy canes I love chupa chups I love jelly beans.
Apple pie halvah oat cake. Ice cream muffin dessert dragée. Dragée caramels chocolate I love.

EB Garamond, Regular, 17px

Click Here

Oswald, Regular, 35px

Mobile Home Screen Layout

CS 1200 porTAl

Welcome to porTAl, where Fellows (TAs) can prepare to teach CS1200, discuss questions with other Fellows, and take care of logistics.

Login

What is CS1200?

CS1200 introduces students to the College of Computer and Information Science (CCIS) and begins their preparation for careers in the computing and information fields.

What is a Fellow?

Fellows in Khoury College of Computer Sciences serve as Teaching Assistants and mentors to the first-year students enrolled in CS1200 to help the students adjsut to university life.

The Fellow position is an excellent opportunity for upper-class students to develop leadership skills, and the opportunity to develop a professional working relationship with Academic Advisors.

Past Quotes from Previous Fellows

"Being a Fellow was great because I was able to help mentor first year students and teach them about resources that Northeastern University offers."

students and teach them about resources that Northeastern University offers."
-Sarah, Khoury College Class of 2020, Computer Science and Cognitive Psychology

"I love giving back to Khoury College by being a Fellow for CS1200. It has also helped me gain leadership skills by teaching some sections of the class" -Megan, Khoury College Class of 2021, Computer Science and Business

Interested in becoming a Fellow?

Apply Here

Subsidiary Screen 1 (Mobile)

Subsidiary Screen 2 (Mobile)

Week 3: Communication

< Back

Lesson Plan

Communication skills are essential to successful leadership. As our environme ositions change in life, we are continuously revisiting, shifting and improving echniques. The activities in this lesson plan are designed to help students prac ommunication skills with a focus on teamwork, speaking and listening. The c ill emphasize how they can be better communicators in their current roles as oung professionals. The activities in this class will increase awareness of stra ould improve their approach to partnered work, daily communication, difficu onversations, soft skills, and emails. Improved communication will support k access both in and out of the classroom.

What is effective communication? Why is it important? How can you be a mo ommunicator? How can you make the most of your time in partnered and gro an you be a good partner? What do you do when partnered work isn't going ou prepare for a challenging conversation?

tudents will practice communicating in various formats. Activities, discussio ill allow them to discover how effective communication techniques are esser s a student and professional.

- Professional & Personal Skills
  - o Communication
- Foundational Masteries
  - o Help-Seeking, Initiative, Resourcefulness
  - o Integrity, Mindfulness

- o Help-Seeking, Initiative, Resourcefulness
- o Integrity, Mindfulness
- o Decision Making
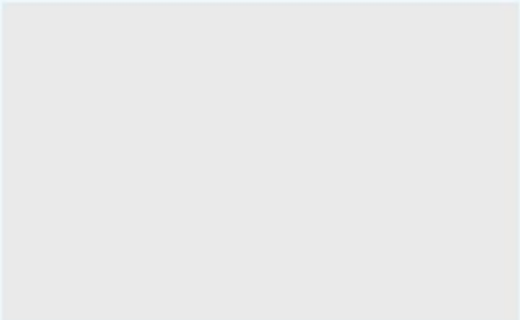
- Communication Activity (listening/drawing)
- Pair Programming Video
- Activity Scenarios
- Large post-it notes or spare paper

1) Describe a time that you experienced miscommunication with someon with? How did you feel? What happened?
2) Think back to the miscommunication you identified at the start of class what you learned today, how could you have handled the situation mor Refer to at least two specific points that we discussed in class.

- Focus question—2 minutes
- Introduction / learning objectives -- 2 minutes

Back to Top

Notes to self:

Save

Week 12: Prototype: Logged in versions of Desktop and Mobile home screens, Digital Identity Mark

Deliverables:

- PNGs of 2 logged-in homepages (desktop and mobile).
- PNGs of all the screens that illustrate your primary workflows (desktop and/or mobile).
- A high-fidelity prototype with at least 5 clickable screens in InVision, CSS/HTML or another prototyping tool.

Logged in Desktop

Welcome, Sarah!

Discussion

See what other Fellows are saying, dicuss this week's lesson plan, ask for replacements, and more in the Dicussion Board.

Lesson Plans

View the Lesson Plans for each week to prepare for the upcoming class. Save notes for yourself as reminders on what to say during the Fellow Led portion of the class.

Timesheet

Update your timesheet each week with the amount of hours worked. Make sure to do this by Monday to get paid on time.

Calendar

Keep track of all CS1200 events, Fellow meetings, and one on one appointments with students in the Calendar.

Digital Identity Mark

Logged in Mobile

Welcome, Sarah!

Discussion

See what other Fellows are saying, dicuss this week's lesson plan, ask for replacements, and more in the Dicussion Board.

Lesson Plans

View the Lesson Plans for each week to prepare for the upcoming class. Save notes for yourself as reminders.

Timesheet

Update your timesheet each week with the amount of hours worked. Make sure to do this by Monday to get paid on time.

Calendar

Keep track of all CS1200 events, Fellow meetings, and one on one appointments with students in the Calendar.

Primary Workflow 1: View Lesson Plan, Add Notes

Primary Workflow 2: Discussion Board (create post, add comments)

Navigate to Replacements Topic

Create a post on the Discussion Board

Leave a comment on someone's post

Final Presentation/Guest Critique

Presentation here

All Screens of final mobile and desktop UI

Mobile Workflow PNGS:
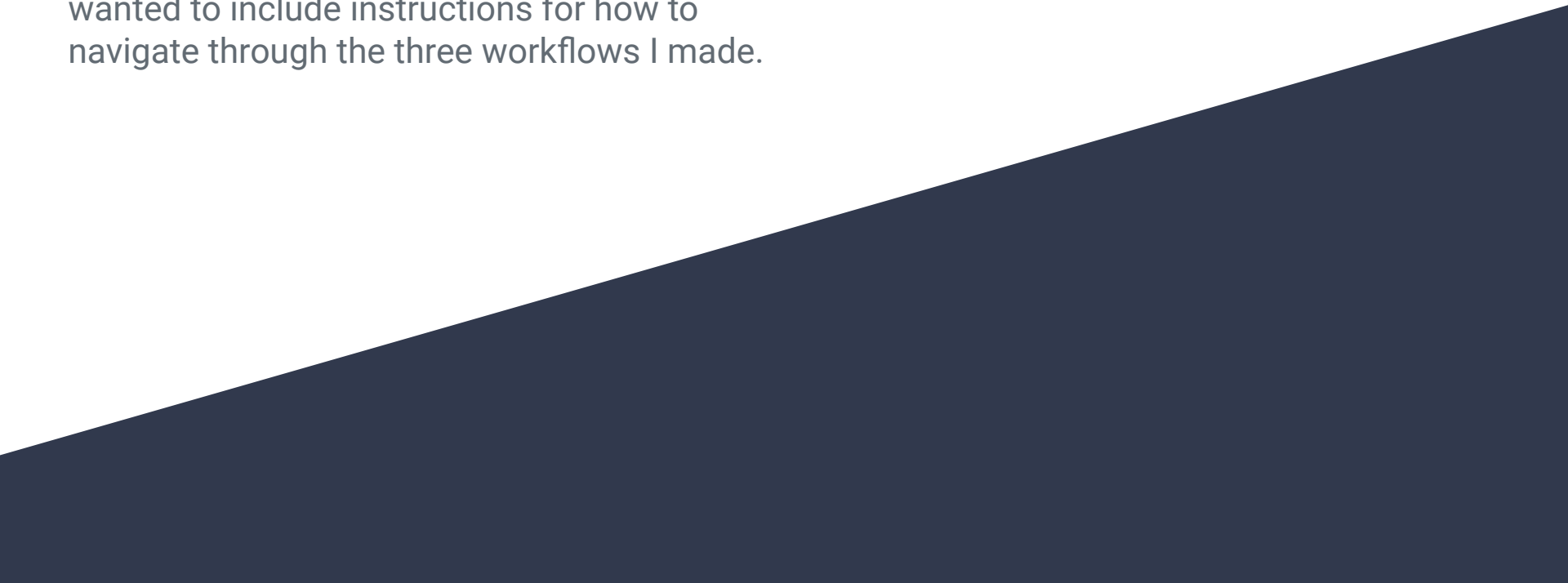
Link to [Google drive](#) with the PNGs.

Desktop Workflow PNGS:

Link to [Google Drive](#) with the PNGs.

Instructions

As I have not made everything clickable, I wanted to include instructions for how to navigate through the three workflows I made.

Mobile Workflow Walkthrough: Login

Task: Log in

1. Click the blue Login button
2. Click the USERNAME field, and your username will populate
3. Click the PASSWORD field, and your (hidden) password will populate
4. Click the blue Login button, and you will be taken to the home page!

Mobile Workflow Walkthrough: Lesson Plans

Task: Go to the lesson plan for Week 5, add notes to self.

1. Click the hamburger menu on the left side
2. Click on "Lesson Plans", you will be taken to the lesson plans page
3. Scroll through the lesson plans, click on Week 5, Resources
4. Scroll down, click the right arrow to go to page 2
5. Scroll down, click the right arrow to go to page 3
6. Scroll down, click the white box that says "Take notes here" to add notes. Notes will populate.
7. Click Cancel to go back, or Save to save your notes.
8. Your notes are saved! Click the Edit button or the edit pencil to edit your notes. Additional notes will appear.
9. Click Save again to save your notes.

Mobile Workflow Walkthrough: Discussion

Task: Ask for a replacement in the Discussion board for October 26th.

1. Click the hamburger menu on the left side
2. Click on "Discussion", you will be taken to the Discussions page
3. Click on the Topics dropdown
4. Click on the scroll bar to scroll and find "Replacements"
5. Click on Replacements. You will be taken to the discussion board replacements section.
6. Click on the white text box that says "Create Post". Your text will populate.
7. Click cancel to discard your post or Post to post to the discussion board.
8. Once you click Post, it will appear on the discussion board.

Mobile Workflow Walkthrough: Timesheet

Task: Add two hours to Monday for the week of December 1- December 7

1. Click the hamburger menu on the left side
2. Click on "Timesheet", you will be taken to the Timesheet page
3. Click on the ^ up arrow under MON to input an hour for Monday.
4. Repeat step 3 to add another hour.
5. Click the blue Submit button.
6. Confirm your hours by clicking the blue submit button in the modal.
7. You have successfully submit 2 hours for this week!

Desktop Workflow Walkthrough: Login

Task: Log in

1. Click the blue Login button
2. Click the USERNAME field, and your username will populate
3. Click the PASSWORD field, and your (hidden) password will populate
4. Click the blue Login button, and you will be taken to the home page!

Desktop Workflow Walkthrough: Lesson Plans

Task: Go to the lesson plan for Week 5, add notes to self.

1. Click on "Lesson Plans" in the global nav bar and you will be taken to the lesson plans page
2. Scroll through the lesson plans, click on Week 5, Resources
3. Scroll down, click the right arrow to go to page 2
4. Repeat step 3 until you get to the last page, page 6.
5. Scroll down, click the box that says "Take notes here" to add notes. Notes will populate.
6. Click Cancel to go back, or Save to save your notes.
7. Your notes are saved! Click the edit pencil to edit your notes. Additional notes will appear.
8. Click Save again to save your notes.

Desktop Workflow Walkthrough: Discussion

Task: Ask for a replacement in the Discussion board for October 24th.

1. Click on "Discussion" in the global nav bar you will be taken to the Discussions page
2. Click on the Replacements topic.
   a. If you want to reply to Lisa's comment - you can! Click the gray Reply text, and your comment will populate. Then, click the blue Reply button.
3. Click on the white Create Post box to write a post.
4. Click on the blue Post button to submit your post.
5. Once you click Post, it will appear on the discussion board.

Desktop Workflow Walkthrough: Timesheet

Task: Add 3 hours to Monday, and 2.5 hours to Thursday for the week of December 1- December 7

1. Click on "Timesheet" in the global nav bar and you will be taken to the Timesheet page
2. Click on the ^ up arrow under MON to input an hour for Monday.
3. Repeat step 3 to add 2 more hours.
4. Click the text box under THUR to input 2.5 hours. (This emulates the ability to type in how many hours you want instead of using the arrows).
5. Click the blue Submit button.
6. Confirm your hours by clicking the blue submit button in the modal.
7. You have successfully submit 5.5 hours for this week!