Class Notes Templates

Robert Pastel, 12/19/2022, 12/2/2023

Below is a template for my class notes. They are not my complete notes. Each page provides:

- Class number and topic
- Class structure
- Assignments coming due
- Next assignments

Their intent is to help explain the course structure and assignment due dates.

Class 1: Introduce Course and Projects

Due

UG: By the end of class
- Project Assignment 1 - Project Signup and Skills Survey

Grad: By the end of class
- Evaluation Assignment 1 - Project Signup

Class 2: Team Formation & HCI Topic

Due

UG: **At the end of class**
- Project Assignment 2 - Team Formation and Charter. Some tables to make and write the charter. The charter is a major effort. I can postpone, but next Tuesday you'll need to prepare for your interview with your scientist.
- Team Lecture & User Centered Design Lecture. The Team Lecture is important now.

Grad: **Due Tuesday**
- Topic Assignment 1 – Topic Selection
- User Centered Design Lecture, overview of the course development process

Announcements

- **Email your scientist**

Reading Highlights

Next Assignment

UG & Grad:
- Interview Lecture & Scientist App Paragraph
  Need to know for next class, preparing for interviewing scientist/client

UG:
- **Project Assignment 3** – Scientist Pre-Interview Notes 1
- **Programing Assignment 1** – Building Your First Grails Apps, due Tuesday

Team Meetings

Class 3: Interviewing Scientist/Client

Due

 UG & Grad: Read
   ● Interview Lecture
   ● Scientist App Paragraph
UG:
   ● **Programing Assignment 1** – Building Your First Grails Apps
      due tonight
Grad:
   ● Topic Assignment 1 - Topic Selection

Announcements

Readings Highlights

Next Assignment

UG & Grad:
   ● Usability Lecture
   ● Interactions Lecture
      These lectures are major components of the course.
UG:
   ● **Project Assignment 4** - App Description and Burn Down Chart.
   ● **Development teams will meet during the beginning of class, after 20 minutes come back together.** I will ask you to read them in class. Your team will probably need to meet to finish the assignment.
Grad:
   ● Start research for your HCI Topic paper.

Team Meetings

Class 4: App Descriptions

Due

UG & Grad: Read
- Usability Lecture
- Interactions Lecture

UG:
- Finish app description during the first 15 minutes of class.

Announcements

- **Email your Scientist/client** app description and next meeting after class today

Readings Highlight

Team Meetings - 15 mins

Read App Descriptions

Next Assignment

UG:
- Project Assignment 5 – Scientist Pre-Interview Notes 2
- **Programming Assignment 2** – Styling your App, due Tuesday evening

Grad:
- Evaluation Assignment 2 – User Goals Document

Team Meetings

Class 5: Preparing Second Scientist Interview

Due

UG: At the end of class
- Project Assignment 5 – Scientist Pre-Interview Notes 2 - This next meeting you will get all the details correct and confirmed.
- Programming Assignment 2

Grad: before next class
- Evaluation Assignment 2 – User Goals Document - can slip to Thursday - simple assignment.

Announcements

- **Have you emailed your Scientist? Do it now!**

Reading Highlights/Instructor's Comment

Next Assignment

UG:
- Project Assignment 6 – App Description 2.
  I'll give 15 minutes at the beginning of class to finish the app description.

Grad:
- continue your research for your HCI Topic paper
- User goal Evaluation assignment

Team Meetings

Class 6: Revised App Description

Due

Grad:
- Usability Lecture
- Interactions Lecture
- Use Goals Evaluations - will grade Friday

UG:
- should revise your app descriptions, add details to workflow, data types etc
- Prog Assign 2 - will grade Friday

Announcements

- **Email your Scientist/client** after I have met with you today.

Team Meetings: 15 mins

Read App Descriptions

Next Assignment: You will need to meet outside of class.

Assignments are due before next class. BIG Assignment. I can't let this assignment slide.
UG:
- Project Assignment 7 – Team Website
- Graphic Design Lecture
- Project Assignment 8 – Interaction Design
- Persona Lecture & Task Analysis Lecture
- Programming Assignment 3 – Authenticating Administrative Pages
  due Tuesday - can slide

Grad:
- Evaluation Assignment 3 – Consultant Website
- Graphic Design Lecture
- Evaluation Assignment 4 – Design Support Documents <- cannot slide
- Persona Lecture & Task Analysis Lecture

Team Meetings

Class 7: Websites & Prepare Cog Walk

Due

UG & Grad:
- Websites should be done.

UG
- Programming Assignment 3 - You can submit late, I will not grade until Friday

Announcements

Reading Highlights

Next Assignment

UG:
- **Project Assignment 9 – Cognitive Walkthrough**
  Prototyping Lecture & Expert Evaluation Lecture
  Explains the Cog Walk
  Teams will need to meet outside of class to prepare for Cog Walk
- **Project Assignment 10 – Cognitive Walkthrough Feedback**
  Assigned a team to ask questions
- **Programming Assignment 4** – Uploading and Displaying Images
  due Tuesday.

Grad:
- **Evaluation Assignment 5 – Heuristic Evaluation**
  Prototyping Lecture & Expert Evaluation Lecture
  Explains Heuristic Evaluation

Team Meetings

Class 8 & 9: Cog Walk

Due

UG:
- Programming Assignment 4 – Uploading and Displaying Images
  due today - I can let slide

Grad:
- Evaluation Assignment 5 – Heuristic Evaluation
  Due after your team presents

Announcements

- Email your scientist for a meeting after your presentation.

Next Assignment

UG:
- Project Assignment 11 – Design Review - Meeting during class hour. Grad students and other teams do not attend. I will email schedule tomorrow
- Project Assignment 12 – Design Changes after Walkthrough

Grad:
- Evaluation Assignment 5 – Heuristic Evaluation, Due after your team presents.
- Research for your HCI Topic

Team Meetings

Class 10 & 11: Design Reviews

Due

UG:
- Project Assignment 12 – Design Changes after Walkthrough
  Due after meeting with Scientist and UX Consultant

Class 12: Design Change after Cog Walk

Due

UG:

- Project Assignment 11 - Design Review
- Project Assignment 12 – Design Changes after Walkthrough
- All programming assignments are past due, I will review any new submits Friday morning, and that will be the last time.

Grad:

- Evaluation Assignment 5 – Heuristic Evaluation - Received, Thank you.

Announcements

- Start implementation

Next Assignment

UG:

- Project Assignment 13 – Initial GitHub Commit
- Web Architecture and Frameworks Lecture
  Important lecture about implementation
- Web App Security Lecture
- Git Introduction Lecture

Grad:

- Topic Assignment 2 – Topic Paper
  Due Tuesday next week. Start writing

Readings Highlights

Team Meetings

Class 13: Implementation

Due

UG:

- Project Assignment 13 – Initial GitHub Commit
  Due Tonight

Next Assignments

UG:

- Project Assignment 14 – Domain Commit
- Groovy Programming Lecture
  Reading and thinking Groovy
- Grails Framework Lecture
  About implementation. Details of Grails.
- Usability Testing Lecture
- Remote Usability Testing Lecture

Grad:

- Topic Assignment 2 – Topic Paper
  Due Tuesday, next week.
- Topic Assignment 3 – Topic Slides
  Due Thursday, next week.

Reading Highlights

Team Meetings

Class 14: More Implementation

Due

UG:
- Project Assignment 14 – Domain Commit
Due tonight

Grad:
- Topic Assignment 2 – Topic Paper
Due tonight - sliding

Announcements

Need to use Grails 5.2 and Java 8

Assignments Week after Spring Break

- Schedule Usability Testing
- Grad students present to their team.

Next Assignments

UG:
- Project Assignment 15 – Usability Test Scheduling
- Project Assignment 16 – UX Consultant Topic Presentations

Grad:
- Topic Assignment 2 - Paper
Sliding the due date to Tuesday during break.
- Topic Assignment 3 – Topic Slides
Sliding the due date to Thursday during break.
- Evaluation Assignment 6 – Usability Test Schedule

Read before Thursday
- Usability Testing Lecture
- Remote Usability Testing Lecture

Reading Highlights

Team Meetings

UG and Grad students go to Team Meetings

Class 15: Usability Testing

Due

Grad:
- Topic Assignment 3 – Topic Slides
  Due tonight -> Thursday of Spring Break.
- Read:
  - Usability Testing Lecture
  - Remote Usability Testing Lecture

Discuss Usability Testing

Next Assignments

Grad:
- Evaluation Assignment 6 – Usability Test Schedule
  Due Tuesday after Spring Break
- Evaluation Assignment 7 – Usability Test Plan
  Due after UG present Final Design
- Topic Assignment 4 – Topic Presentation
  Done week or two after Spring Break

Class 16: Schedule Usability Testing

Due

UG:
- Project Assignment 15 – Usability Test Scheduling
  Due early next week
- Project Assignment 16 – UX Consultant Topic Presentations
  Due sometime these two weeks

Grad:
- Evaluation Assignment 6 – Usability Test Schedule
  Due early next week
- Topic Assignment 4 – Topic Presentation
  Due sometime these two weeks

Announcements

Next Assignments

UG:
- Project Assignment 17 – First Deployment
- Deploying Web Apps Lecture
  Try deployment before next class, I'll address issues next class

Team Meetings

Class 17: Deployment

Due

UG:
- Project Assignment 17 – First Deployment
- Project Assignment 16 – UX Consultant Topic Presentations

Grad:
- Topic Assignment 4 – Topic Presentation

Announcements

- Issues with deployment?
- Questions about usability tests scheduling?
- Issues with the usability test scheduling gsheet?

Next Assignments

UG:
- Continue Implementation
- Project Assignment 16 – UX Consultant Topic Presentations

Grad:
- Topic Assignment 4 – Topic Presentation

Team Meetings

Class 18 & 19: Implementation after Spring Break

Due

UG:
- Project Assignment 16 – UX Consultant Topic Presentations

Grad:
- Topic Assignment 4 – Topic Presentation

Announcements

- **We need to Schedule Implementation Review**

Next Assignments

UG:
- Continue Implementation
- Project Assignment 16 – UX Consultant Topic Presentations

Grad:
- Topic Assignment 4 – Topic Presentation

Team Meetings

Class 20 & 21: Final Design Presentation

Due

UG:
- Project Assignment 19 – Final Design Feedback
  Due during the presentation. Leave a note in canvas giving the team number

Announcements

- Schedule Implementation Review
- Email your scientist for a meeting after your presentation.

Next Assignments

UG:
- **Project Assignment 20 – Design Changes after Final Design Presentation**
  Due after the teams' presentation and meeting with your scientists
- **Next Week: Project Assignment 21 – Usability Testing Practice**

Grad:
- **Evaluation Assignment 7 – Usability Test Plan**
- Usability Testing Lecture
- Remote Usability Testing Lecture
- **Evaluation Assignment 8 – Usability Test Practice**
- Evaluation Assignment 9 – Usability Testing
- Evaluation Assignment 10 – Usability Test Results Presentation

Team Meetings

Class 22 & 23: Usability Test Practice

Class 24 & 25: Usability Testing

Class 26 & 26: Usability Test Results Presentation

Due

UG:
- All teams scheduled for Implementation Review. Make sure that everything is up to date:
  - Team website
  - GitHub repository, Master/Main

Announcements

- Email your scientist for final feedback. UX consultants attend the meeting
- UX consultants record attendance in the UT scheduling gsheet

Next Assignments

UG:
- Project Assignment 23 – Final Review with Client
- Project Assignment 24 – Implementation Review
  Due before grades
- I've emailed the ABET/Team Assessment Survey, required

Grad:
- Upload slides to your website
- Evaluation Assignment 11 – Usability Test Report
  Due before grades

Usability Test Results Presentation

Team Meetings