

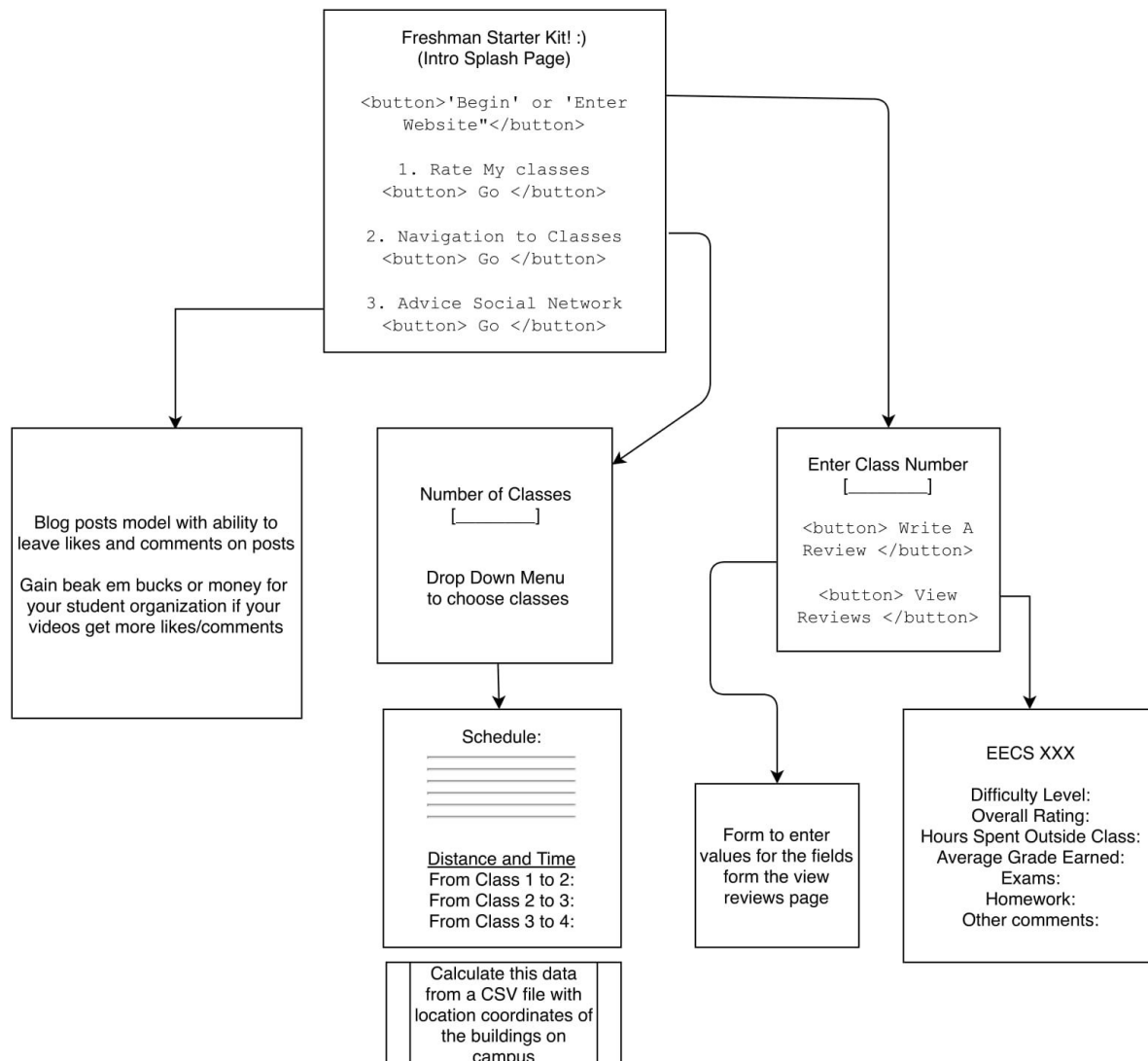
# EECS 448 Project 3 Documentation

## Team: CodeHers

### Freshman Starter Kit

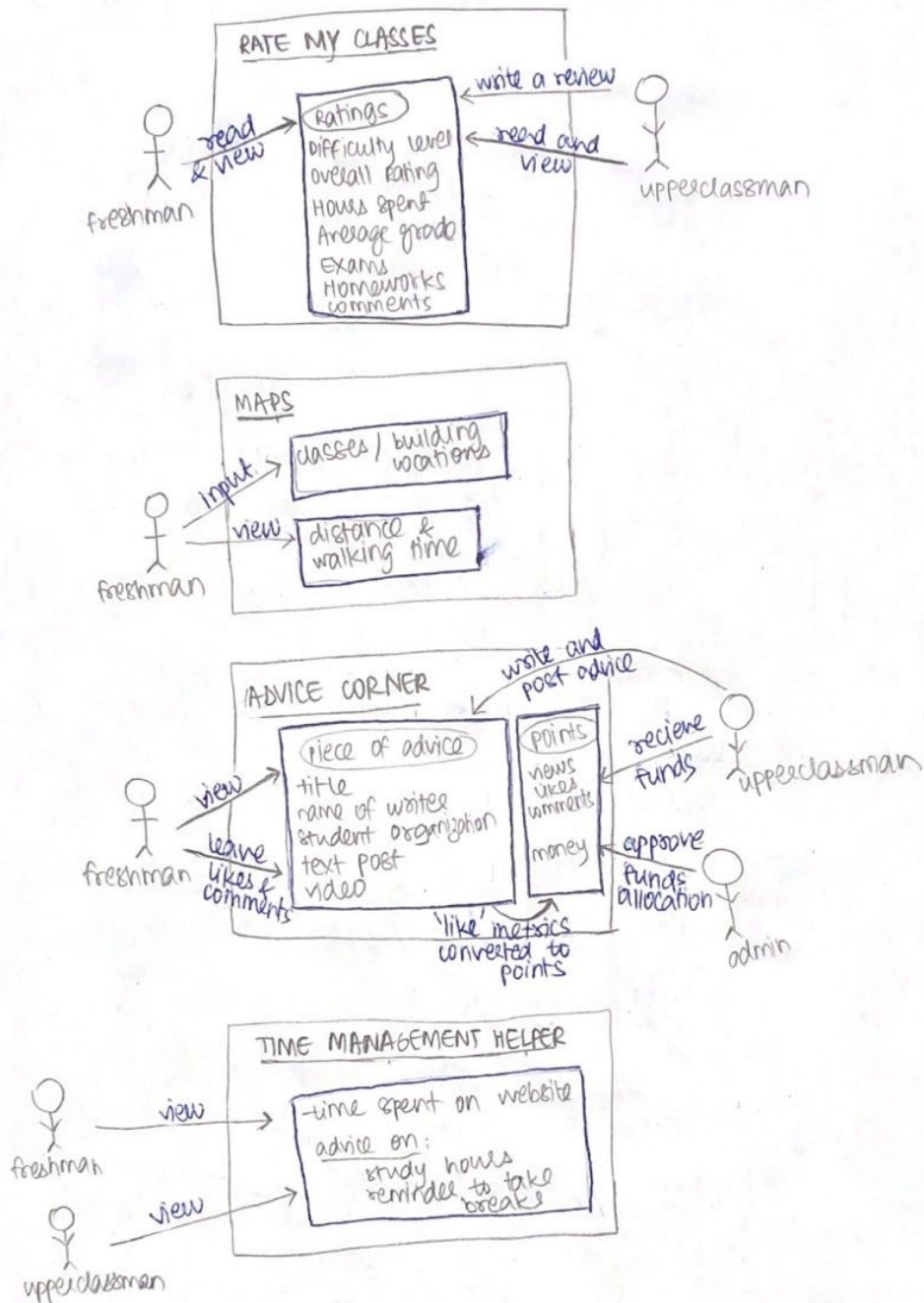
#### UML

##### State Diagram



Hitting 'begin' triggers a timer to keep track of how much time has been spent on the website. This shows up on the time management page and offers tips on taking study breaks.

## Use Case Diagram

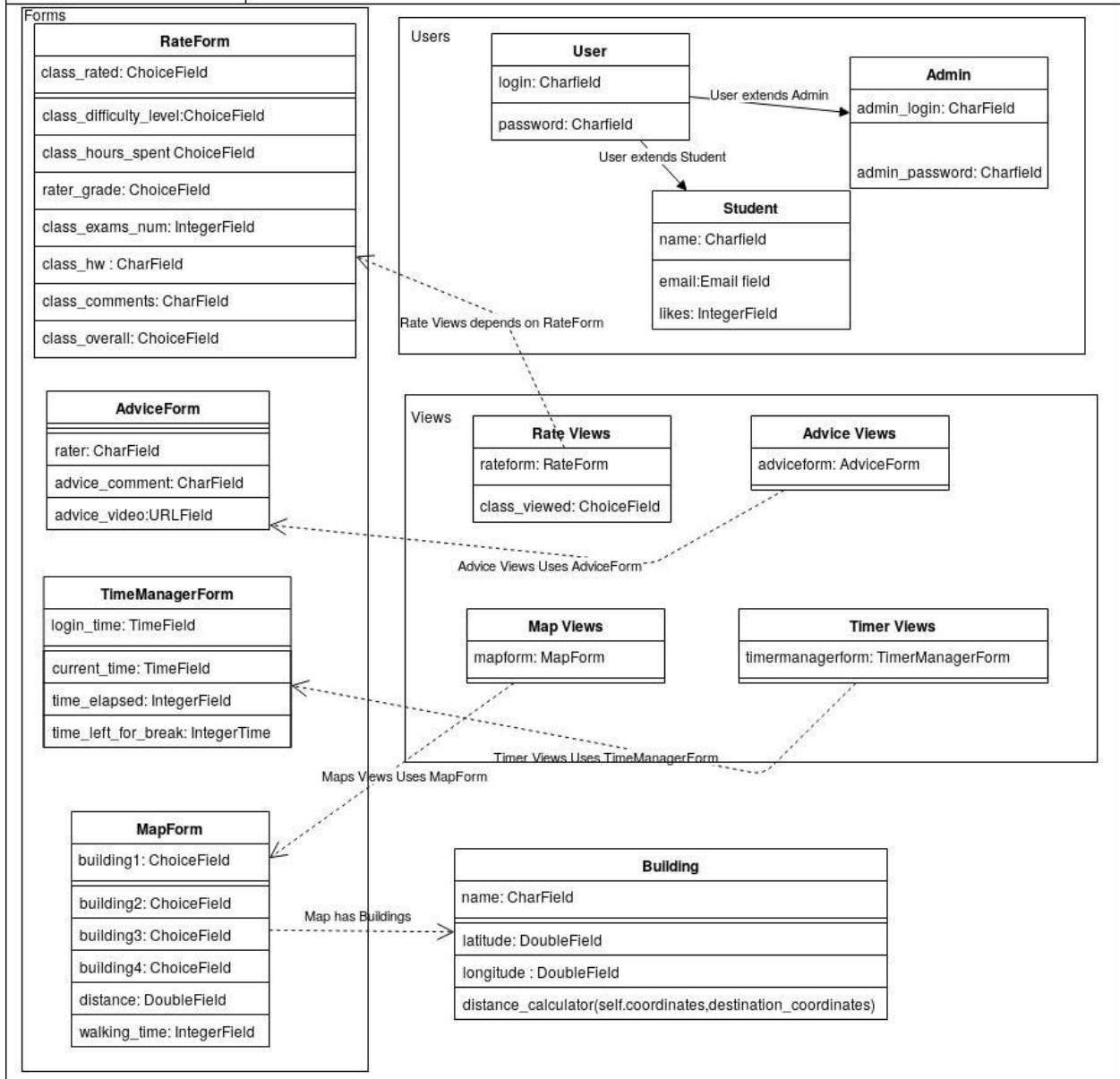


# USE CASE MODEL

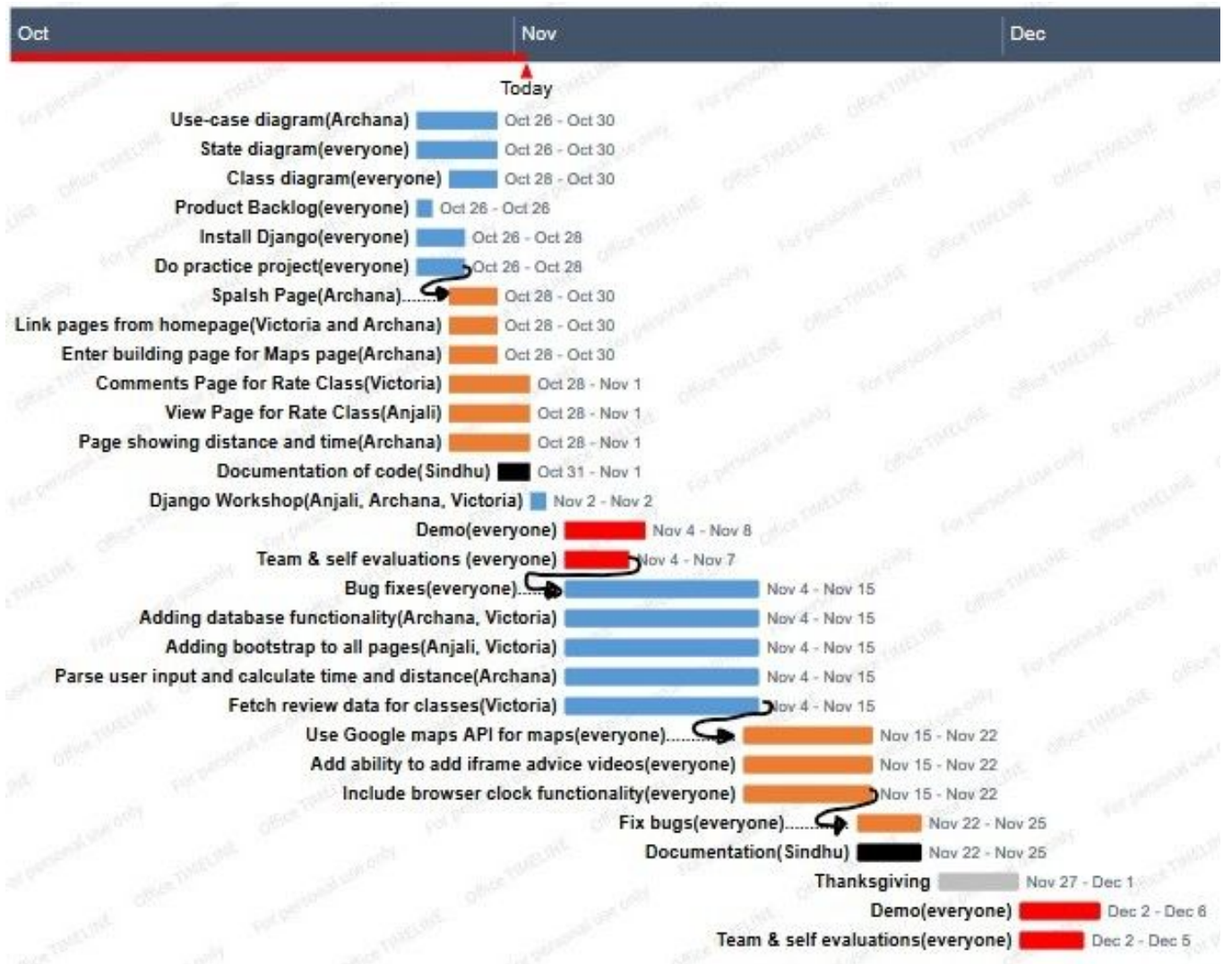
## freshman starter kit

## Class Diagram

Freshman starter kit



## Gantt Chart



# Scrum Artifacts

## Product Backlog

1. Login
  - a. Create account to navigate the website
  - b. Use Django authentication system and create user objects
  - c. Ambitious goal- give role based access based on if it is a freshman, upperclassman or admin
2. Rate my class
  - a. Upperclassmen rate EECS classes to help freshman decide their course load
  - b. Will need a ratings form and a page to view all of the ratings in blog form
3. Upload advice videos
  - a. Gain beak - em - bucks or money for your student organization if your videos get more likes/comments
  - b. Upperclassmen rate can upload blog posts of advice or videos
  - c. Use template from DjangoGirls workshop blog project
4. KU Maps
  - a. Marks places you have classes shortest distance, walk time
  - b. Database and model object with location coordinates of buildings - use CSV, calculate the shortest distance between the two location coordinates, use average walking speed to determine walking time
5. Time Management
  - a. Reminders to take break depending on how long they have been active on the website. "Enter Website" button on homepage triggers timer to start.
  - b. Need a way to track time spent on website using Django/Python built-in methods

## **Sprint Backlog for Project 3**

### **Sprint 1**

- UML for Web UI
- Gantt Chart
- Django installation and tutorial

### **Sprint 2**

- Reinstalling django and virtual environment to troubleshoot
- Admindocs- documentation generator (install docsutil)
- Linking other landing pages from the homepage

### **Sprint 3**

- Put together documentation pieces
- Clean up home page
- Division of labor-task assignments, and deciding the scope of the project
- Anjali and Sindhu started working on the landing pages -Rate My Class & Advice Page.
- Victoria and Archana started working on the forms required for the KU Maps and Rate My Class pages

### **Sprint 4**

- Finish Diagrams required for documentation
- Finish the landing pages for the 4 options
- Model forms for Maps (Archana) - Model forms saves the user input to database and allows you to output it to the website
- Finish Gantt chart

### **Sprint 5**

- Attend Django workshop
- Finish the landing pages for the 4 options
- Model forms for Maps and landing page (Anjali)
- Backend distance calculator- in progress (Archana)
- Model forms for Rate My Class (Victoria)
- Documentation (Sindhu, Archana)

## **Sources:**

### **Diagram Builder**

draw.io

## Bootstrap

Bootstrap Time manager: <https://startbootstrap.com/themes/agency/>

Bootstrap for uploading videos form: <https://getbootstrap.com/docs/4.0/components/forms/>

Bootstrap for ratings form:

[https://startbootstrap.com/snippets/sign-in-split?fbclid=IwAR3OAKj\\_Z0Ah-ggOSDp4E9FuH5QZnl1r0AUFERMoQITOIhdzMIfRGeoRpGI](https://startbootstrap.com/snippets/sign-in-split?fbclid=IwAR3OAKj_Z0Ah-ggOSDp4E9FuH5QZnl1r0AUFERMoQITOIhdzMIfRGeoRpGI)

Bootstrap theme for homepage <https://startbootstrap.com/previews/stylish-portfolio/>

Bootstrap theme for advice landing page <https://startbootstrap.com/themes/business-casual/>

Bootstrap for class view: <https://startbootstrap.com/snippets/portfolio-one-column/>

## Images

View Ratings (rate my class page):

<https://www.pexels.com/photo/bench-blur-books-color-459791/>

Rate (rate my class page):

<https://www.pexels.com/photo/close-up-of-text-247708/>

<https://www.pexels.com/photo/animal-cat-face-close-up-feline-416160/>

<https://www.pexels.com/photo/close-up-of-dog-yawning-248307/>

<https://www.pexels.com/photo/people-silhouette-during-sunset-853168/>

<https://www.pexels.com/photo/woman-in-black-leggings-while-walking-on-brown-road-663437/>

<https://www.pexels.com/photo/laugh-neon-light-signage-turned-on-1115680/>

Advice Video pictures (view videos page):

<https://dissolve.com/stock-photo/Group-College-Students-Collaborating-Project-royalty-free-image/101-D430-50-073>

<https://www.pexels.com/search/college/>

[https://www.123rf.com/photo\\_18125976\\_mature-students-taking-notes-in-lecture-in-college.html](https://www.123rf.com/photo_18125976_mature-students-taking-notes-in-lecture-in-college.html)

## Tutorials Used

Initial Setup: [https://youtu.be/PqeAvFf\\_HDI](https://youtu.be/PqeAvFf_HDI)

Form for maps: [https://youtu.be/3XOS\\_UpJirU](https://youtu.be/3XOS_UpJirU)

Forms for ratings: [https://tutorial.djangogirls.org/es/django\\_forms/](https://tutorial.djangogirls.org/es/django_forms/)

<https://docs.djangoproject.com/en/2.2/topics/forms/>

For sidebar: [https://www.w3schools.com/howto/howto\\_js\\_sidenav.asp](https://www.w3schools.com/howto/howto_js_sidenav.asp)

Django Workshop from KC Women in Technology: <https://tutorial.djangogirls.org/en/>