

ApptiTutor
Sprint Two Planning Document
Team 12

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Sprint Overview

Overview: For our second sprint, we want to stabilize the core of our project. We have a healthy chunk of the core functionality in place, but there needs to be some fine tuning to meet our project requirements.

This includes...

1. Completing the functionality of the search bar.
2. Having our website designed to be more interactive and cleanly put together.
3. Allowing users to edit their profile completely from a user profile page.
4. Host the website online
5. Add images to user profiles
6. Tutor Ratings
7. Tutor Reviews
8. Basic Messaging Functionality

Scrum Master: Daniel Cruz

Scrum Meeting Time: 12:30 PM MWF and other times as needed

Risks/Challenges:

1. We are designing two large systems for our project which include searching and messaging capabilities. These systems are at the core of what this project is about. They have to be implemented perfectly for the entirety of the system to come together.
2. We need to find the correct tools that will do what we want and implement the things that are not out there.
3. We need to continue to learn Ruby/Rails semantics.
4. We need to be better at our time management and not get behind through the sprint.

Current Sprint Detail

User Story:

As a student I would like to be able to find a tutor.

Task Description	Estimated Time (hrs)	Owner
Set up the user profile page for tutors to display their skills, “about me”, reviews, and other information.	6	Himal/Daniel
Research Searching Algorithms	6	Nick
Implement Search by User, Skill, Class	10	Nick
Search Results Page	6	Nick
Make the user database interact with the search bar	6	Nick
Have searching work for all databases without specifying on the webpage.	8	Nick

Acceptance Criteria: This user story will be complete if the user is able to use the search bar on the website to be able to search for Tutors based off of Name, Skills or Classes that they Tutor.

User Story:

As a user I would like to be able to upload a profile picture.

Task Description	Estimated Time (hrs)	Owner
Edit user object to have room for an image	4	Daniel
Learn how to upload an image in Ruby on Rails	8	Daniel
Set up image hosting on AWS	8	Daniel
Have website support for uploading an image	8	Daniel
Upload the Image	6	Daniel

Acceptance Criteria: This user story will be complete if the user is able to upload a personal photo to the website to be used as their profile picture throughout the web application.

User Story:

As a user I would like to be able to ask questions, make suggestions and report bugs to the development team.

Task Description	Estimated Time (hrs)	Owner
Set up Email for ApptiTutor	6	Josh
Design a webpage for reporting bugs and making suggestions	8	Josh
Write code to send emails	6	Josh

Acceptance Criteria: This user story will be complete if a user can send an email to report a bug or make a suggestion to the developer team.

User Story:

As a student I would like to rate tutors on how good they are.

Task Description	Estimated Time (hrs)	Owner
Set up a 5 star rating system	6	Michelle
Have more in depth rating options	6	Michelle
Design database to store all the ratings	4	Michelle
Test the rating system for large number of reviews	8	Himal
Display ratings on the search results page and on the tutor profile page	6	Michelle

Acceptance Criteria:

The user story will be complete if a user can successfully go to a tutor profile page and add a rating of the tutor using a 5 star scale.

User Story:

As a student I would like to write reviews about tutors.

Task Description	Estimated Time (hrs)	Owner
Set up a comment field for writing the review	4	Josh
Adding reviews to the user database	6	Michelle
Display the reviews on the search results page and on the tutor profile page	8	Josh
Test large amounts of reviews	6	Michelle

Acceptance Criteria: This user story will be complete if the user is able to write a review of whichever tutor they have worked with to be displayed on the tutor's profile page so other students can get a feel for the tutor's performance based on how other interactions went.

User Story:

As a student, I would like to be able to send tutors messages.

As a tutor I would like to be able to communicate with students.

Task Description	Estimated Time (hrs)	Owner
Research how to implement a messaging system	8	Himal
Design an attractive messaging page	6	Josh
Implement a "request a tutor" pre-made message	6	Himal
Design and setup the Messaging database system	10	Himal
Test the messaging system for load and corner cases	6	Himal

Acceptance Criteria: This user story will be completed if tutors and students can send each other messages and have a personalized inbox all organized in an attractive way.

User Story:

As a student I would like to be able to read the reviews about tutors.

Task Description	Estimated Time (hrs)	Owner
Design front end page to get reviews for tutors	6	Daniel
Get reviews from the review database for a certain tutor	6	Michelle
Test the review display and that all the data is being displayed	6	Josh

Acceptance Criteria: This user story will be completed if the user can read the reviews of tutors both on the the search page and on the user profile page.

Remaining Backlog

A. Functional

User

- As a user I would like to choose to get a message reminding me about my meetings for the day, week, etc.
- As a user I want to easily switch between the student and tutor sides
- As a user I would like a tutorial on how to use the website.
- As a user I want a FAQ to help me with questions I have about the app.
- As a user I would like to cancel or reschedule meetings using a calendar. (if time allows)
- As a user I would like to have a calendar that has all my scheduled meetings and free time on it. (if time allows)
- As a user I would like to be able to see a location on campus. (if time allows)
- As a user I would like to search for tutors even if I don't have an account. (if time allows)

Student

- As a student I would like to sort the tutors based on things like class, rating, age, gender, cost, etc.
- As a student I would like to have “favorite” tutors.
- As a student I would like to use an auto pay system. (if time allows)
- As a student I would like to be able to make a group of students for a tutor. (if time allows)
- As a student I would like to pay for my sessions through PayPal. (if time allows)

Tutor

- As a tutor I would like to show up in searches that I am most relevant to.
- As a tutor I want reviews so I know how to improve myself through different statistics like clarity, knowledge, politeness, and flexibility.
- As a tutor I would like to be able to see all the students interested in me
- As a tutor I would like to control when I get paid. (if time allows)
- As a tutor I would like to communicate with other tutors to talk about problems I do not know. (if time allows)
- As a tutor I would like access to the class syllabus for the semester. (if time allows)
- As a tutor I would like to view what classes need tutors. (if time allows)
- As a tutor I would like to have control of the group and lead the organization sessions. (if time allows)
- As a tutor I would like to be able to report a student (if time allows)

Non-Functional

- We need to design our databases to be secure and protected.
- We need a searchable database with all the conversations.
- We need to make sure that the webapp performs well on mobile and computer devices.
- We need it to be able to work in all browsers.
- We need to have error handling for writing text into the website.
- We need to have error handling if the server code crashes.
- We need to make sure logins and all communication is secure.
- We need to be able to bring up the server instantly if it crashes. (if time allows)
- We need to have an API to get tutors for classes.
- We need an API to make calls to our server and Database

- We need to have our API well documented.
- We need to make sure the webapp and server are scaleable.
- We need a thin client and have the server do most of the processing.