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Team 28 Sprint 1 Planning Document

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Sprint Overview

The main goal of our first sprint will be getting the login system and the user profile system implemented. At the end of this sprint, a user will be able to create a username and password, to login in with that username and password, to view their class lists, and to see ads posted by other users.

Scrum Master: Geoffrey Myers

Meeting Schedule

Wednesdays and Fridays at 6:00pm

Risks/Challenges

The main challenge for our team will be learning how to use some of the technologies we are using. Some of our team members have a little experience using Xamarin, C#, MongoDB, and Node.js, but a lot of this sprint will focus on learning how to use these technologies effectively. Another challenge for this sprint will be that this group has never worked as a team before, so figuring out how to work most efficiently as a team might take some time.

Current Sprint Detail

User Story #1
As a user, I want to sign in.

#	Description	Time	Owner
1.	Implement UI for initial signin page	4 hours	Geoffrey Myers
2.	Implement the functionality of the signin page	6 hours	Geoffrey Myers
3.	Implement functionality for checking if username and password are stored in the database	6 hours	Zach Rich

Acceptance Criteria:
- Given that the functionality to check username and passwords is implemented correctly, when a user tries to sign in with the wrong username or password, they will be alerted that they entered in the wrong username or password.
- Given that the functionality to check username and passwords is implemented correctly, when a user tries to sign in with the correct username and password they will advance to their profile.
- Given that the UI is created correctly, when a user taps the reset their password button, they will be taken to the reset password page.

User Story #2
As a user, I want to create a profile

Other user stories that fall under this:
  -As a user, I want to display what hours I am available.
  -As a tutor, I want to list my prices.
  -As a user, I want to list my classes.

#	Description	Time	Owner
1.	Implement UI for profile creation page	4 hours	Jonathan Poholarz
2.	Setup backend server	6 hours	Curtis Maves
3.	Implement functionality for profile creation	7 hours	Jonathan Poholarz
4.	Setup backend database that stores users' profiles	6 hours	Zach Rich
5.	Implement the ability to store the updated profile in the database	4 hours	Curtis Maves
6.	Add the ability to update your profile in the app	6 hours	Jonathan Poholarz

Acceptance Criteria:
- Given that the database is setup correctly, when a user updates their profile, they should see the changes immediately and the next time they login.
- Given that the profile creation system is implemented correctly, when a user creates a profile, they should be added to the database and put in the class list.
- Given that the profile creation system is created correctly, when a user creates a new profile, they will then be taken to their finished profile and have the ability to update it or browse through the class selection page.
- Given that the profile creation system is made correctly and the UI is designed correctly, when a user is creating a profile, they can display what hours they are available to meet.
- Given that the profile creation system is implemented successfully, when a user creates a profile, they will be able to list their prices if they are a tutor.

User Story #3

As a user, I want to upload an avatar

#	Description	Time	Owner
1.	Add functionality for user to upload a photo from their phone's storage	6 hours	Jonathan Poholarz
2.	Implement functionality for updating the user's photo in the database	6 hours	Curtis Maves

Acceptance Criteria:
- Given that the upload function is completed, when as user goes to upload a photo, they should be able to upload straight from their photo gallery on their phone.
- Given that avatar updating functionality is completed correctly, when a user goes to update their avatar, their photo should then be updated in the database and be updated in every instance where their avatar appears.
- Given that the avatar updating functionality is implemented correctly, when a user is done updating their avatar, they should then be taken back to their new updated profile page.

User Story #4

As a user, I want to create an account

Other user stories that fall under this:

       -As a user, I want to choose if I am a tutor or student, or both

       -As a user, I want to select a class.

#	Description	Time	Owner
1.	Implement UI for the account creation page	4 hours	Geoffrey Myers
2.	Add functionality for account creation	6 hours	Geoffrey Myers
3.	Implement functionality on the back-end for the database to store the username and password of the user	5 hours	Zach Rich

Acceptance Criteria:

- Given that the account creation system is completed, when the user creates a new account, they should have their username and password stored in the database.
- GIven that the account creation system is created correctly, when the user is done creating an account, they should then be taken back to the profile creation screen.
- Given that the account creation system is implemented successfully, when a user tries to create an account with an email already in the database, they should be alerted that the email is already in use.
- Given that the account creation system is implemented successfully, when a user creates an account they will be able to choose if they are a tutor, student, or both.
- Given that the account creation system is developed properly, when a user creates a new account, they will be able to select what classes they are in as a part of the account creation process.

User Story #5

As a user, I want to reset my password if I forget it.

#	Description	Time	Owner
1.	Implement UI for the reset password screen	4 hours	Geoffrey Myers
2.	Setup mailer to send emails to users	5 hours	Curtis Maves
3.	Create a verification system to make sure that the code entered in is the same one that the user was sent	8 hours	Curtis Maves
4.	Add functionality for updating the password in the back-end database	5 hours	Zach Rich

Acceptance Criteria:
- Given that the email system is setup correctly, when the users go to reset their password, they will be sent an email with a randomly generated code, which, when entered into the app, will allow the user to make a new password.
- Given that the verification system is made correctly, when a user enters in the wrong verification code, they will be alerted that the code is incorrect.
- Given that the password reset system is implemented properly, when a user is done creating a new password, they will be taken back to the initial login page.

User Story #6

As a user, I want to be able to post an ad.

Other user stories that fall under this:

-As a user, I want a notification when someone answers my ad.

#	Description	Time	Owner
1.	Implement the UI for the list of classes that a user is in	4 hours	Geoffrey Myers
2.	Implement the functionality of storing and retrieving the currently posted ads	6 hours	Jonathan Poholarz
3.	Implement the functionality of allowing users to see ads posted in the classes they are in	6 hours	Zach Rich

Acceptance Criteria:

- Given that the class list system is created successfully, when a user goes to their class list they will see the ads of tutors and students in the classes they selected.
- Given that the ad system is implemented correctly, when a user posts an ad, they will be notified when someone responds to their ad.
- Given that the ad system is added successfully, when a user creates an ad, they will be able to view their ad by going to their class list and selecting the class they posted the ad to.

Remaining Backlog
Functional
1. ~~As a user, I want to sign in.~~
2. ~~As a user, I want to select a class.~~
3. ~~As a user, I want to create a profile.~~
4. ~~As a user, I want to upload an avatar.~~
5. ~~As a user, I want a notification when someone answers my ad.~~
6. As a user, I want to message other users.
7. As a user, I want to post to a message board for a class.
8. ~~As a user, I want to create an account.~~
9. ~~As a user, I want to reset my password if I forget it.~~
10. ~~As a user, I want to choose if I am a tutor or student, or both.~~
11. ~~As a user, I want to display what hours I am available.~~
12. As a user, I want to access this all from a web browser (if time permits).
13. As a user, I want to block other users.
14. As a user, I want to able to report ads and posts.
15. AS a user, I want to be able to pay or tip a tutor (if time permits).
16. As a user, I want to create a group conversation (if time permits).
17. As a user, I want results filtered to my school.
18. As a user, I want to be able to delete my own post or ad.
19. As a user, I want my messages to be private (if time permits).
20. As a user, I want the app to be visually appealing.
21. ~~As a student, I want to post an ad.~~
22. As a student, I want to be able to rate tutors.
23. As a student I want to filter results.
24. ~~As a tutor, I want to list my classes.~~
25. ~~As a tutor, I want to post an ad.~~
26. ~~As a tutor, I want to list my prices.~~
27. As an admin, I want to ban users.
28. As an admin, I want moderating capabilities of ads and posts.
29. As a developer, I want well-documented code.
30. As a developer, I want to take a cut of payment through the app (if time permits).

Non-Functional
1. The app will run on android devices
2. The app will run on other platforms, such as iOS (if time permits).
3. The app will be accessible from the web (if time permits).
4. The app will connect to a back-end webservice and database, such as mongoDB.
5. The app will be simple to use and easy to navigate.
6. The app will be quick and responsive.
7. The system will be able to handle multiple users.