LANCE

Sprint Two Planning

Prepared for: Software Engineering 1 CS307
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Team: 29

SPRINT OVERVIEW

SCRUM MASTER: Anjali Malik

TEAM MEETING DETAILS: Tuesdays @ 5:30 pm in HSSE 145

OVERVIEW

Sprint 2 will be where our team intends to complete the bulk of the project. The front end will be focusing on creating an interactive design which is simple yet elegant, displaying all offers on request on the users dashboard. The back end will be supporting the front end by allowing for the database to handle multiple categories of cards and creating the sorting algorithms.

RISKS & CHALLENGES

With the bulk of project quickly arising, it extremely easy to fall behind. Alongside, our team is consistently learning more about the technologies we're using while coding in parallel. It will be challenging for our team to complete all of the set out goals of this sprint in a timely manner. We must continuously push for daily builds, fixing issues as they arise. We will be using Trello for communication within our group to better allow for us all to stay up to date.

User Story #1:

I would like to be able to sign out of my account.

Tasks	Description	Time	Owner(s)
1	Implement UI element for user to click on for signing out.	1 h	Arnav/Sanjit
2	Implement server endpoint to remove authIssues and authToken from the database to prevent user from accessing the website without logging back in	2 h	Anjali/Kenan
3	Implement JS code to remove the auth token	2 h	Shengqi

Acceptance Criteria:

○ Given that the sign out functionality is implemented, when the user wants to sign out, they'd have to be logged in.

○ Given that the user is already logged in, when the sign out button is clicked, the server will remove the auth token from the database.

○ Given that the user has signed out, when the sign out button is clicked, they will be redirected to our sign up page.

User Story #2:

I'd like to be able to change my password.

Tasks	Description	Time	Owner(s)
1	Confirm if the user is logged in	1h	Shengqi/Kenan
2	Add UI elements that allow user to edit the password	3h	Arnav/Sanjit
3	Implement JS functionality to confirm the two new password boxes are the same	2h	Shengqi/Sanjit
4	Implement endpoint in the server to accept the new passwords, hash them in AES 192 and store the new values in the database	2h	Anjali/Kenan
5	Erase authtoken and authissued from the database to end all existing sessions.	2h	Anjali/Kenan

Acceptance Criteria:

○ Given that the change password functionality is implemented, when the user wants to change their password - they'd have to be logged in.

○ Given that the user is logged in, they'd have to input their current password with new password (twice).

○ Given that the user inputs the correct data in the fields, then the new password will have successfully replaced the older one in the database.

User Story #3:

I would like to be able to upload and remove my profile picture.

Tasks	Description	Time	Owner(s)
1	Add a UI element that allows for user to upload the picture	2h	Arnav/Sanjit
2	Implement JS functionality to pass the image when done uploading to the Amazon S3 signing endpoint	2h	Shengqi
3	Pass the signed URL to the server's s3sign endpoint to retrieve URL of picture stored in the S3 bucket	2h	Kenan/Anjali

Acceptance Criteria:

○ Given that the image upload function is implemented, when the user wants to upload or remove their profile Image, they can upload any image from their local machine.

○ Given that the the user uploaded an image from their local machine, when they want to save it to their profile, the image gets uploaded to S3 bucket without compromising file quality

○ Given that the image is uploaded to S3 bucket, when the database receives the correct query URL, then the database will have access to the image corresponding to the url

User Story #4:

I would like to be able to sort services on my feed based on the cost of service.

Tasks	Description	Time	Owner(s)
1	Create a UI element that can specify the price range (slider)	3h	Sanjit/Arnav
2	Implement JS functionality to pass in the lower and upper bounds to the server	2h	Shengqi
3	Implement JS to sort the database based on the price variable	1h	Anjali/Kenan
4	Implement JS to get the sorted list and refresh page with only items in given price range	3h	Anjali/Kenan

Acceptance Criteria:

○ Given that the functionality of sorting the feed by cost is implemented, when the user wants to sort his feed, they must input a price range with the price slider

○ Given that the user has inputted a price range, the JS should send the database the price range and get the list of items back

○ Given that the JS and database retrieves the correct items from the database, when the user clicks the price range, then the HTML page should refresh with those items

User Story #5:

I would like to receive a notification if someone interacts with my “Offer” or "Request"

Tasks	Description	Time	Owner(s)
1	Create a UI element that can notify the user	2h	Sanjit
2	Implement JS logic to see if other users have clicked "interested" or commented on the post	2h	Arnav/Sanjit
3	Create endpoints for number of users who are "interested" and/or commented on their post	3h	Anjali/Kenan
4	Get the number of users who are interested from the database and output a message when user logs in or refreshes the webpage	2h	Shengqi

Acceptance Criteria:

○ Given that the notification functionality is implemented, when the user logs in or refreshes, they will get a notification if someone has clicked interested on their post or commented on their post

○ Given that the server is correctly implemented, it will keep a counter of how many people have clicked interested, and how many people have commented on their post.

○ Given that the notification will display the correct message, we will have the notification show up on the webpage

User Story #6:

I would like to be able to report a post.

Tasks	Description	Time	Owner(s)
1	Create a UI element that lets the user report a specific post.	1h 30m	Sanjit/Arnav
2	Implement JS functionality to pass the post ID and post owner's email to the server.	2h	Shengqi
3	Implement endpoint in server for reporting posts that accepts the Post ID and Post owner's email.	1h 30m	Anjali/Kenan
4	Initialize the 'REPORTS' table and store all reports in the 'REPORTS' table to be reviewed later.	1h 30m	Anjali/Kenan

Acceptance Criteria:

○ Given that the functionality of reporting a post is implemented, when the user wants to report a post, they will have the ability to select a reason for why they are reporting the post from the drop down menu or write their own reason.

○ Given that the user has selected/inputted a reason for reporting, the javascript on the webpage would send a POST request to the server to store the report in the 'REPORTS' table.

○ Given that the UI element, the client-side script and the server endpoint are all implemented correctly, the developers would be able to review reports in the 'REPORTS' table

User Story #7:

I would like to be able to edit/close my old post.

Tasks	Description	Time	Owner(s)
1	Create a page for where users can see all their active posts.	2h	Sanjit/Arnav
2	Create UI elements that indicate actions to be performed on a post such as edit/ delete	1h	Sanjit/Arnav
3	Implement client-side JS to handle either edit or a delete action performed on a post	2h 30m	Shengqi
4	Implement endpoint in server to accept the new attributes for a post in the case of the edit action being performed or to remove the post from the 'POSTS' table in the case of a delete action	2h 30m	Anjali/Kenan

Acceptance Criteria:

○ Given that the functionality of editing/deleting a post is implemented, when the user wants to edit/delete their post, they will have the ability to update the attributes of their posting or to delete it altogether.

○ Given that the user has filled in all the mandatory attributes in the case of editing a post, the client-side JS should prepare a request with the necessary attributes and make a POST request to the server.

○ Given that the user has decided to delete a post, the JS should prepare a POST request that lets the server endpoint know that it is to delete the post instead of editing it.

○Given that the server endpoint receives either of the above two POST requests it should perform the necessary actions as stated above in task 4.

User Story #8:

I would like to be able to sort services on my feed based on their posting dates.

Tasks	Description	Time	Owner(s)
1	Create a UI element that can specify a posting date range for relevant posts	3h	Sanjit/Arnav
2	Implement JS functionality to pass in the user request/input to the server	2h	Shengqi
3	Implement server endpoint to sort the database based on the posting date values	1h	Anjali/Kenan
4	Implement JS to get the sorted list and refresh page with only desired items	3h	Anjali/Kenan

Acceptance Criteria:

○ Given that the functionality of sorting the feed by posting date is implemented, when the user wants to sort his feed, they must be able to select an option for specifying the posting date range.

○ Given that the user has inputted a posting date range, the JS should send the database the posting date range and get the list of relevant items back.

○ Given that the JS and database retrieves the correct items from the database, when the user clicks the posting date range, then the HTML page should refresh with those items

User Story #9:

I would like to filter posts using their categories.

Tasks	Description	Time	Owner(s)
1	Create a UI element that can choose a category from all categories options	3h	Sanjit/Arnav
2	Implement JS functionality to pass in the user category selection to the server	2h	Shengqi
3	Implement server endpoint to filter the database table rows using the user selection	1h	Anjali/Kenan
4	Implement JS to get the filtered items and refresh page with only those items	3h	Anjali/Kenan

Acceptance Criteria:

○ Given that the functionality of filtering the feed by category is implemented, when the user wants to filter his feed, they must be able to select a category filter option.

○ Given that the user has selected a category for filtering posts, the JS should send the server the selection and get the list of relevant posts back.

○ Given that the JS and database retrieves the correct items from the database, when the user clicks on the category in filter, then the HTML page should refresh with those items

User Story #10:

I would like to be able to scroll through a feed that shows me live posts of “Offers” and “Requests”

Tasks	Description	Time	Owner(s)
1	Implement front end to create cards which extract data given by user and display in an elegant manner	4h	Sanjit/Arnav
2	Implement JS functionality which gets data for posts from database refreshes upon every user interaction	3h	Shengqi
3	Create endpoint in the server to retrieve posts from the database	2h	Anjali/Kenan

Acceptance Criteria:

○ Given that the newsfeed implementation is completed, when a user visits home, he/she should be able to view the feed with all open posts in scrollable page.

○ Given that the server and backend logic is implemented, when a user creates a post, the newsfeed shall update upon refresh to display interaction.

○ Given that feed implementation is correct, the cards for each post on the homepage shall be displaying relevant information to the category given. (Ex. A request for H.W help should display subject, and price on homepage card)

User Story #11:

I would like to be able to specify attributes to the “Offer” or “Request” I post.

Tasks	Description	Time	Owner(s)
1	Implement frontend code for creating a post such that it expands upon the category selected	3h	Sanjit/Arnav
2	Front end cards should only display relevant information regarding the category selected	2h	Sanjit/Arnav
3	Implement JS logic to accept user inputs and selections and send the information as JSON objects to the server	2h	Shengqi
4	Implement endpoints in server to add attributes information to the database ta able	3h	Anjali/Kenan

Acceptance Criteria:

○ Depending on the category selected the card shall display relevant information pertaining to that category. *(Ex. A request for H.W card help should display subject, and price on homepage card)*

○ When the category is chosen on the modal, the modal shall expand to display more questions pertaining to that category.

○ When the “Other” category is chosen, the modal shall allow for the user to insert custom descriptions.

○ Given that the backend logic is implemented, the user input for a post should be sent to the server in a correct format.

○ Given that the sever logic is implemented, the database should reflect the changes and additions made by the client.

User Story #12:

I would like to be able to add comments on the discussion board of any open request and offer.

Tasks	Description	Time	Owner(s)
1	Create a UI element for discussion board within frontend code for posts	2h	Sanjit
2	Create endpoints for adding comments to a live post and storing users who write comments on posts	3h	Anjali/Kenan
3	Update database design of Posts table to include a field for comments as well as a field to store the user who posted each comment	1h	Kenan/Anjali
4	Create endpoint for retrieving comments for a post	2h	Kenan/Anjali
5	Implement logic in JS to accept user input for a comment and send that to server	2h	Arnav/Sanjit
6	Implement JS logic to retrieve comments whenever a post's comment section is viewed	2h	Shengqi
7	Test by creating two different profiles and having one comment and view.	1h	Anjali

Acceptance Criteria:

○ Given that the adding comments functionality is implemented, users should be able to write comments on posts.

○ Given that the server is correctly implemented, the comments and the users who write them should be stored in the database table for each post.

○ Given that the implementation of backend is correct, the user should be able to view their posted comments on the posts' discussion board

User Story #13:

I would like to be able to make post for “Offer” and “Requests”.

Tasks	Description	Time	Owner(s)
1	Create a page where users can write posts and specify different attributes about them including if they are “offers” or “requests”, and press post button for publishing.	2h	Sanjit/Arnav
2	Implement JS code that can accept user input and send that to the server along with the information about the user who wrote it	2h 30m	Shengqi
3	Implement endpoints in server that can add posts to the database along with their details	3h	Anjali/Kenan
4	Test by creating multiple posts of different categories and ensure that their look is consistent with the design	1 h	Sanjit/Arnav

Acceptance Criteria:

○ Given that the webpage for creating a post is implemented, users should be able to write their posts and select appropriate attributes for them on the page.

○ Given that the backend logic is implemented correctly, the user input should be sent correctly to the server for storage

○ Given that the server endpoint is programmed correctly, the new posts should be added to the database table as inputted on the client

PRODUCT BACKLOG

~~1. I would like to be able to sign up on 1ance using my Purdue email and password.~~
~~2. I would like to be able to make a personal account on 1ance.~~
~~3. I would like to be able to create a profile on the platform.~~
~~4. I would like to be able to upload and remove my personal documentation to my profile so that viewers will be able to determine my credibility.~~
~~5. I would like to be able to add and edit my skills.~~
~~6. I would like to be able to add and edit courses that I have taken at Purdue.~~
~~7. I would like to be able to add and edit a summary on my profile.~~
~~8. I would like to be able to add and edit links of other relevant accounts (LinkedIn profile, portfolio link, etc.) to my profile.~~
~~9. I would like to be able to upload and remove a cover photo on my profile.~~
10. I would like to be able to see number of reviews given.
11. I would like to be able to see the average rating given to me.
12. I would like to be able to look at a list of reviews on my profile.
~~13. I would like to be able to sign out of my account.~~
14. I would like to be able to view other users' profiles including information they have made public.
15. I would like to be able to view a list of reviews on other users' profiles.
16. I would like to be able to view the average rating on other users' profiles.
17. I would like to be able to view stars by each user who has written a review on another user profile so that I am easily able to navigate between a low and a high rating review.
~~18. I would like to be able to scroll through a feed that shows me open posts for services offered and requested.~~
~~19. I would like to be able to make posts about services I am offering or requesting on 1ance.~~
~~20. I would like to be able to specify the amount of money I am charging for my service, or willing to spend for a service request, on my post.~~
~~21. I would like to be able to edit/close my old post.~~
~~22. I would like to be able to browse all open posts on 1ance to find my desired posts.~~
~~23. I would like to be able to add comments on the discussion board of any open request and offer.~~
24. I would like to be able to rate other users using stars out of 5.

25. I would like to be able to review other users for their services I've experienced.

~~26. I would like to be able to sort services on my feed based on their posting dates.~~

~~27. I would like to be able to sort services on my feed based on the cost of service~~

~~28. I would like to filter posts using their categories~~

~~29. I would like to receive a notification if someone interacts with my "Offer" or "Request"~~

~~30. I would like to be able to report a post.~~

31. I would like to be able to see the name of the users who have clicked interested on a post. (IF TIME ALLOWS)

32. I would like to be able to share a post of a request/offer. (IF TIME ALLOWS)

33. I would like to be awarded a credibility badge by the 1ance platform for my presence on the platform. (IF TIME ALLOWS)

34. I would like to be able to view credibility badge(s) on my profile. (IF TIME ALLOWS)

35. I would like to be able to view credibility badges of other users on their profiles. (IF TIME ALLOWS)

36. I would like to be able to add pictures to my reviews. (IF TIME ALLOWS)

37. I would like to be able to view all pictures that are attached to reviews on my profile. (IF TIME ALLOWS)

38. I would like to be able to view all pictures that are attached to reviews on other users' profiles. (IF TIME ALLOWS)

39. I would like to be able to separately view requests and offers for services in two distinct feeds. (IF TIME ALLOWS)

40. I would like to be able to filter services using tags. (IF TIME ALLOWS)

41. I would like to be able to sort services on my feed using highest or lowest user ratings. (IF TIME ALLOWS)

42. I would like to be able to sort services on my feed based on their posting dates. (IF TIME ALLOWS)

43. I would like to be able to search for a user using their name. (IF TIME ALLOWS)

44. I would like to be able to directly message other users using a chat system on 1ance. (IF TIME ALLOWS)

45 . I would like to be able to edit and remove my personal information on my account. (IF TIME ALLOWS)