

CS 307  
Spring 2018

**SPRINT 1**  
**Planning Document**  
5 Feb 2018

**1ance**

**TEAM 29**

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# Sprint 1 Planning Document

Team 29 (1ance)

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## Sprint Overview

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For our initial sprint, we would like to focus on implementing the fundamentals of user account creation of our project. Our backend team will be developing our database to hold account information and data associated with anything and everything user profile. Further, our frontend team will focus on creating a clean interactive experience for the user to sign up and create their profile to begin their 1ance career.

**Scrum Master:** Anjali Malik

**Meeting Schedule:** Every Tuesday, 5:30 P.M., HSSE 145

### Risks & Challenges:

Our biggest challenge for our team will most likely be faced this sprint. Much of our team is inexperienced with the technologies that we must work with for our project. That being said, it will take an immense amount of time and effort to conquer the learning curve associated with the technologies while trying to simultaneously build our project.

## Current Sprint Detail

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### User Story #1:

As a user, I would like to sign up on 1ance using my Purdue email

#	Task Description	Owner	Estimated Time
1	Set up and initialize back-end server	Anjali	5 Hours
2	Set up and initialize database table to store user credentials	Anjali	3 Hours
3	Implement authentication for only Purdue students to register and create an account	Shengqi	5 Hours
4	Implement responsive front-end sign up page	Sanjit	3 Hours
5	Implement functionality for account and profile creation on back-end	Kenan	6 Hours
6	Setup web client and routes	Kenan	4 Hours
7	Test addition of new accounts in database using automated sign ups by dummy users	Sanjit/Arnav	2 Hours

### Acceptance Criteria:

- Given the backend is all set up, when the user wants to sign up, then they have to input a valid username and password that is checked within the database to be unique.
- Given that the sign up web page is implemented, if a user wants to make an account with 1ance, they should be view a responsive sign up form that asks for user account data.
- Given that the user inputted all required information, when a request to sign up is made, then the user account will be added to the database.

### User Story #3:

I would like to be able to create a profile on 1ance

#	Task Description	Owner	Estimated Time
1	Create and initialize table in database to store user information.	Kenan	4 Hours
2	Implement a responsive page for users to create a profile after signing up	Sanjit	6 Hours
3	Implement Javascript logic on webpage to restrict certain profane/illegal characters	Shengqi	3 Hours
4	Implement Javascript logic on webpage to check size and format of picture uploaded	Shengqi	3 Hours
5	Implement endpoint in server to accept a user profile creation form	Kenan	2 Hours
6	Implement logic in server to create a new user in user table in database	Anjali	2 Hours
7	Implement logic in server to accept picture and store in AWS database	Anjali	2 Hours
8	Implement logic in server to create link to the picture and store in respective entry in the user profile table	Anjali	2 Hours
9	Test by creating multiple user profiles from dummy user accounts to see if new table and entries appear in the database as expected	Anjali/Kenan	2 Hours

### Acceptance Criteria:

- Given that the account has been created successfully on the back end, the user will be prompted with the option of completing their User Profile.
- Given that the profile has been created successfully, the user will be able to click on their profile and view their information on the profile.
- Given that the profile has been created, the developer will be able to access view and edit information on the back end.

## User Story #5:

As a user, I would like to add and edit my skills

#	Task Description	Owner	Estimated Time
1	Implement server logic such that new information about skills can be stored into the database	Kenan	3 Hours
2	Implement Javascript logic that retrieve data from database and display updated skills on web page	Sanjit	6 Hours
3	Implement working UI elements for adding and editing skills	Arnav	6 Hours

### Acceptance criteria:

- Given that the user profile page is implemented, when the user selects to edit skills, they should be presented with the profile editing form.
- Given that the editing web page works, when user wants to add or edit his/her skills, then he/she can input new skills and it will be updated and stored in the database
- Given that the server is implemented, when a user refreshes the profile page, the server should updated retrieve skills from the database.

## User Story #6:

As a user, I would like to be able to add and edit my education information

#	Task Description	Owner	Estimated Time
1	Implement UI element that allows user to input new information and edit stored information about their education	Shengqi	5 Hours
2	Implement logic in server that allows for changes in educational information entry in user profile table	Anjali	4 Hours
3	Implement functionality in Javascript that takes new information and send it to the server for updating or storage	Kenan	4 Hours

### Acceptance criteria:

- Given that the educational information editing functionality works, when the user wants to add or edit his/her educational information, they should be able to click edit on education information on the user profile web page, and input new or updated information.
- Given that the server and database are implemented, when the user adds or edits his/her educational information, the change in entry should be seen in the database table.
- Given the ability to make changes in the database is implemented, when a user logs out or refreshes and checks their profile page, they should see the changes reflected on their profile.

## User Story #7:

As a user, I would like to be able to add and edit a summary on my profile

#	Task Description	Owner	Estimated Time
1	Add endpoint in server to allow for changes in summary section of a user profile	Kenan	4 Hours
2	Implement logic in server to update user profile table in database	Anjali	3 Hours
3	Implement a web page for users to be able to add or edit their profile summary	Arnav/Sanjit	5 Hours
4	Implement Javascript logic on web page to check for profane/illegal characters and total length of summary	Shengqi	3 Hours
5	Implement Javascript logic to communicate with summary editing API endpoint	Shengqi	3 Hours

## Acceptance Criteria:

- Given the web page to add and edit a user summary is implemented, when a user decides to add or edit their summary they should be presented with a profile editing page.
- Given the ability to make changes in the database is implemented, when a user logs out or refreshes and checks their profile page, they should see the changes reflected on their profile.
- Given the Javascript logic to check for profane/illegal characters is implemented, when a user attempts to enter illegal/profane characters in their summary, they should be presented with an alert modal.



## User Story #8:

As a user, I would like to be able to later add and edit links to other platforms (Facebook, LinkedIn, Quora etc.)

#	Task Description	Owner	Estimated Time
1	Add endpoint in server to allow for changes in links section of a user profile	Kenan	4 Hours
2	Implement logic in server to update user profile table in database	Anjali	3 Hours
3	Implement a web page for users to be able to add or edit their profile links	Arnav/Sanjit	5 Hours
4	Implement and constantly update table of whitelisted sites on database to send to add/edit links webpage	Anjali	3 Hours
5	Implement Javascript logic on web page to check if link is a valid URL and if URL is on a whitelisted site.	Arnav/Sanjit	3 Hours
6	Implement Javascript logic on web page to check for profane/illegal characters and total length of summary	Arnav/Sanjit	3 Hours
7	Implement Javascript logic to communicate with link editing API endpoint	Shengqi	3 Hours

## Acceptance Criteria:

- Given the web page to add and edit a users links is implemented, when a user decides to add or edit their links they should be presented with a link editing page.
- Given the ability to make changes in the database is implemented, when a user logs out or refreshes and checks their profile page, they should see the changes reflected on their profile.
- Given the Javascript logic to check for profane/illegal characters and to cross check against whitelisted sites list is implemented, when a user attempts to enter an illegal/profane characters or a url that is not in the list of whitelisted sites in their links section, they should be presented with an alert modal.

## User Story #11:

I would like password to be securely saved using encryption in the database

#	Task Description	Owner	Estimated Time
1	Implement endpoint in server to sign up user and allowing for change in the database	Anjali	3 Hours
2	Add code in endpoint to encrypt password before saving it to the database.	Kenan	4 Hours
3	Implement logic inside JS code for login form that accepts input from client and fetches POST requests to the database.	Shengqi	4 Hours

### Acceptance Criteria:

- Given that the functionality to sign up works, the user should be able to input their data on the register page, and be able to register to 1ance.
- Given that the functionality the registration process is implemented in JS, the input from user should be sent to the server successfully.
- Given that the server and database are implemented, the new user should have their row in the database table with the password entry showing an encrypted string.

## User Story #11:

I would like my account to have secure features such as access restriction after certain hours of inactivity.

#	Task Description	Owner	Estimated Time
1	Implement endpoint in server to log in user by assigning them an authentication token and issued time.	Anjali	3 Hours
2	Implement a function in server that checks for authentication token expiration.	Anjali	4 Hours
3	Add code to JS that fetches request to login a user from server endpoint.	Shengqi	3 Hours

### Acceptance Criteria:

- Given that the functionality to login works, the user should be able to input their data on the login page, and be able to login successfully to 1ance.
- Given that the server and database are implemented, the authentication token and authentication issue date should be assigned to each user and updated on the database table.
- Given that the server code works, the authentication should be checked before the user can access other pages on the web application.

## Backlog

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### Functional Requirement

#### *As a User:*

- ~~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 add and edit my skills.~~
- ~~5. I would like to be able to add and edit courses that I have taken at Purdue.~~
- ~~6. I would like to be able to add and edit a summary on my profile.~~
- ~~7. I would like to be able to add and edit links of other relevant accounts (LinkedIn profile, portfolio link, etc.) to my profile.~~
8. I would like to be able to upload and remove a cover photo on my profile.
9. I would like to be able to edit and remove my personal information on my account.
- ~~10. I would like my password to be securely saved using encryption in the database~~
- ~~11. I would like my account to have secure features such as access restriction after certain hours of inactivity.~~
12. I would like to be able to see number of reviews given.
13. I would like to be able to see the average rating given to me.
14. I would like to be able to see the average rating given to other users.
15. I would like to be able to look at a list of reviews on my profile.
16. I would like to be able to look at a list of reviews on other user's profiles
17. I would like to be able to view the name of the user who wrote me a review.
18. I would like to be able to view the content of all reviews on my profile.
19. I would like to be able to view the number of stars a reviewer left me.
20. I would like to be able to login to my account using my credentials.
21. I would like to be able to sign out of my account.
22. I would like to be able to directly message other users using a chat system on 1ance.
23. I would like to be able to view other users' profiles including information they have made public.
24. I would like to be able to view a list of reviews on other users' profiles.
25. I would like to be able to view the average rating on other users' profiles.
26. 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.

27. I would like to be able to scroll through a feed that shows me open posts for services offered.
28. I would like to be able to scroll through a feed that shows me open posts for services requested.
29. I would like to be able to make posts about services I am offering on 1ance.
30. I would like to be able to specify the amount of money I am charging for my service, on my post.
31. I would like to be able to specify the amount of money I'm willing to spend for a service request, on my post.
32. I would like to be able to close my old post.
33. I would like 1ance to exclude closed posts from my feed.
34. I would like to be able to browse all open request on 1ance to find my desired posts.
35. I would like to be able to browse all open offers on 1ance to find my desired posts.
36. I would like to create my own tag on the platform if none of the existing tags define the service I offer aptly.
37. I would like to be able to separately view requests and offers for services in two distinct feeds. (if time allows)
38. I would like to be able to filter services using tags. (if time allows)
39. I would like to be able to sort services on my feed using highest or lowest user ratings. (if time allows)
40. I would like to be able to sort services on my feed based on their posting dates. (if time allows)
41. I would like to be able to search for a user using their name. (if time allows)
42. I would like to be able to click "interested" on open posts.
43. I would like to be able to see the number of users who have clicked interested on a post.
44. I would like to be able to see the name of the users who have clicked interested on a post. (if time allows)
45. I would like to be able to share a post of a request/offer. (if time allows)
46. I would like to be able to add comments on the discussion board of any open request and offer.
47. I would like to be able to view discussion boards of all open posts.
48. I would like to be able to rate other users using stars out of 5.
49. I would like to be able to review other users for their services I've experienced.
50. I would like to be able to report a user for misconduct, fraud, or any other sufficient reason.
51. I would like to be awarded a credibility badge by the 1ance platform for my presence on the platform. (if time allows)
52. I would like to be able to view credibility badge(s) on my profile. (if time allows)
53. I would like to be able to view credibility badges of other users on their profiles. (if time allows)

- 54. I would like to be able to add pictures to my reviews. (if time allows)
- 55. I would like to be able to view all pictures that are attached to reviews on my profile. (if time allows)
- 56. I would like to be able to view all pictures that are attached to reviews on other users' profiles. (if time allows)

### *As a Developer:*

- 1. I would like to be able to view and manage user accounts from the database.
  - 2. I would like to be able to verify user accounts for validity.
  - 3. I would like to be able to view and manage requests from the database.
  - 4. I would like to view newly created tags by users.
  - 5. I would like to be able make an official 1ance profile so that I can send official announcements to all users from our account, as well as, users being able to contact me directly without having to leave the platform, to give feedback and suggestions on our service.
  - 6. I would like to view usage statistics and user demographics.
  - 7. I would like to resolve any glitches or bugs within the platform.
  - 8. I would like to conduct scheduled maintenances by causing as little to none disruption in services as possible.
  - 9. I would like to be award a user a credibility badge for their presence on 1ance based off of their reviews and services completed. (if time allows)
  - 10. I would like to take away a credibility badge from a user if their level of service is not maintained. (if time allows)
  - 11. I would like to be able to shut down the registration process.
  - 12. I would like to be able to view reports sent about users.
  - 13. I would like to regulate content on the platform so they are in line with Federal, State and University Laws.
  - 14. I would like to regulate content on the platform so they are in line with platform guidelines.
  - 15. I would like to warn users of their actions on the platform if they are not in line with the Platform guidelines.
  - 16. I would like to remove a user if they fail to meet platform guidelines without prejudice.
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