



CS30700
Sprint 1 Retrospective

Team 9

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What went well?

We built the important features of our projects which will help us build the rest of the features. We integrated signup and login features for user accounts, editing and viewing a user profile, searching for users based on a filter and rating/reviewing another user.

User Story 1: As a user, I would like to sign-up for a Travelin account.

#	Description	Estimated Time	Owner
1	Create UI for the signup page	2 hours	Aastha
2	Choose and Implement a hashing function for the password.	4 hours	Upmanyu
3	Create an algorithm for the password strength check	4 hours	Stephen
4	Debug and test algorithm using unit tests	5 hours	Aastha, Siddhesh

Completed:

We can successfully sign up new accounts using their username, email, password and confirm password along with sending them a confirmation email. The password is checked for strength and is hashed in the database.

User Story 3: As a user, I would like to reset my password if I forget it.

#	Description	Estimated Time	Owner
1	Create UI for resetting password	2 hours	Aastha
2	Create UI for changing the password when logged in to the app	2 hours	Siddhesh
3	Create and email the user a strong password as a temporary password	2 hours	Stephen
4	Create an algorithm to update user information in the database	3 hours	Upmanyu

5	Debug and test using unit tests	5 hours	Stephen, Upmanyu
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Completed:

User can reset their password using an email link which allows them to enter their email that they signed up with and a new password. After resetting, the user can successfully use the new password to log in.

User Story 4: As a user, I would like to log out from my Travelin account.

#	Description	Estimated Time	Owner
1	Create UI for logging out of the application	1 hour	Siddhesh
2	Debug and test using unit tests	3 hours	Dhairya

Completed:

A user can successfully logout from their account and their data is still intact. The login page is displayed after logging out. A user can log back in successfully after logging out.

User Story 5: As a user, I would like to rate my travel companions.

#	Description	Estimated Time	Owner
1	Create UI to rate a user and update rating	3 hours	Aastha, Siddhesh
2	Create an algorithm to insert and obtain rating information from the database	4 hours	Kevin
3	Debug and test using unit tests	5 hours	Dhairya, Kevin

Completed:

The user can rate and review other users. The average rating of the user is updated instantly.

User Story 6: As a user, I would like to see my rating.

#	Description	Estimated Time	Owner
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1	Create UI to view a user's own rating	1 hour	Aastha
2	Create an algorithm to obtain the user's rating from the database	4 hour	Upmanyu
3	Debug and test using tests	5 hours	Aastha, Siddhesh

Completed:

Users can both leave other users ratings and view their own updated ratings if someone rates them in real time. The rating for a user is calculated as an average of all ratings.

User Story 8: As a user, I would like to be able to set a profile description.

#	Description	Estimated Time	Owner
1	Create UI for profile description	1 hour	Aastha
2	Create an algorithm to insert and obtain profile description from the database	4 hours	Kevin
3	Debug and test using unit tests	5 hours	Kevin, Dhairya

Completed:

The user is able to set a profile description (bio) that they can edit whenever they feel like it. After saving the edit, the bio is displayed on the user's profile.

User Story 9: As a user, I would like to add a profile picture.

#	Description	Estimated Time	Owner
1	Create UI to have insert, update, and remove profile picture feature.	3 hours	Aastha, Siddhesh
2	Access camera roll and upload pictures to profile	6 hours	Stephen, Upmanyu
3	Obtain profile pictures URLs from the database	4 hours	Stephen, Upmanyu
4	Debug and test using unit tests	5 hours	Stephen,

			Upmanyu
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Completed:

When the user clicks on add photo, the user is able to select a photo from their camera roll, and the selected image is displayed as the profile picture on the user's profile.

User Story 11: As a user, I would like to edit my profile.

#	Description	Estimated Time	Owner
1	Create UI to edit profile	4 hours	Aastha, Siddhesh
2	Create an algorithm to update profile information in the database	4 hours	Stephen
3	Debug and test using unit tests	5 hours	Stephen, Upmanyu

Completed:

When the user clicks edit profile, the user is taken to a page where they are able to edit their bio, interests, and name. They can also set their gender. After saving the edit, their profile is updated instantly.

User Story 14: As a user, I would like to search for other users.

#	Description	Estimated Time	Owner
1	Create UI to search other users	4 hours	Aastha, Siddhesh
2	Create an algorithm to obtain other user information from the database	4 hours	Dhairya
3	Debug and test using unit tests	5 hours	Dhairya, Kevin

Completed:

The user is able to search for other users by username successfully. The user with that username is displayed on the screen.

User Story 15: As a user, I would like to filter the searched users based on their gender.

#	Description	Estimated Time	Owner
1	Create UI to filter searched users based on gender	2 hours	Siddhesh
2	Create an algorithm to return users based on gender	2 hours	Stephen
3	Debug and test using unit tests	5 hours	Aastha, Siddesh

Completed:

The user is able to search and filter the search based on gender successfully. The users with the filtered gender are displayed.

User Story 16: As a user, I would like to filter the searched users based on their ratings.

#	Description	Estimated Time	Owner
1	Create UI to filter searched users based on ratings	2 hours	Aastha
2	Create an algorithm to return users based on ratings	2 hours	Upmanyu
3	Debug and test using unit tests	5 hours	Aastha, Siddhesh

Completed:

The user is able to search for other users based on their ratings. The users with ratings greater than equal to the filtered rating are displayed.

What did not go well?

User Story 2: As a user, I would like to login to my Travelin account.

3	Create an algorithm to keep user logged in between sessions	4 hours	Dhairya, Kevin
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Not completed:

The user does not stay logged in between sessions.

User Story 7: As a user, I would like to see my reviews.

1	Create UI to see a user's own reviews	2 hours	Siddhesh
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Not completed:

The user cannot fully see the reviews given to them as well as reviews on other users' profiles as the page does not scroll. Also, the author of the review is not displayed.

User Story 10: As a user, I would like to upload pictures to my profile from my previous travels.

1	Create UI to upload pictures to user profile	4 hours	Aastha, Siddhesh
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Not completed:

When a user uploads pictures from previous travels, the user is not able to see those pictures in the profile. When a user views another user's profile, the user only sees the latest picture uploaded and not a list of pictures, since the UI didn't allow users to scroll.

User Story 12: As a user, I would like to be able to specify my interests.

1	Create UI to set interest tags	2 hours	Aastha
2	Create an algorithm to insert and obtain interest information from the database	4 hours	Upmanyu

Not completed:

The user is not able to select from a list of tags; currently, the user can only manually enter a tag. When a user manually enters a tag, the tag is displayed without the admin's approval.

User Story 13: As a user, I would like to be able to delete my account.

1	Create UI to delete an account	2 hours	Siddhesh
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Not completed:

When the user clicks delete account, the user is not prompted to select confirm delete account.

After confirming, the user is not prompted to input login information to confirm identity.

However, the user's profile data is deleted from the database and the user does not show up on search results.

How should we improve?

Overall, sprint one went well and we did a good job completing most of the features we had planned to do. That being said there were quite a few issues we faced during sprint one. Firstly our schedules did not match and that caused us to have issues like not everyone showing up to the weekly meetings. We hope this would not be an issue anymore as we plan to meet during class time.

Secondly, none of us had used Github to work on a project before so we were not able to use this resource effectively. Over the course of the sprint, we got better at using it and therefore this would not be an issue in the upcoming sprints.

Thirdly, while assigning tasks in the planning document we thought we had split the tasks fairly but it turned out that some members did not have enough work to do, while other members had a lot of work. So the next sprint we plan to split tasks more effectively.

Fourthly, we would like to have more meetings in the upcoming sprints as we did not keep up with the work other members did, and this caused a lot of confusion towards the end of the sprint where we had to put multiple all-nighters to get the code to work.

Lastly, we would like to improve the communication between the team members as we were not able to do that effectively.