

ApartMate

Team 3 - Sprint 2 Planning Document

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Sprint Overview

This sprint will focus on the second large unique feature of our app: the roommate search. This feature allows users of this app to find people who are living in the same area, filter them by certain criteria, and start chatting with them if they are also interested in living with the original user. We also need to spend time updating previous portions of our app for changes made in this sprint and sprint 2, such as updating the new views to follow the themes, updating the server functions to eliminate the functions that have become outdated, and updating the way we do profile from sprint 1. The last bits include some random user stories such as sending location to roommates.

SCRUM master: Siddhant Patel

Meeting Plan: Tuesdays 8:00 pm - 9:00 pm and Friday 8:00 pm - 9:00 pm

Risks and Challenges:

The biggest risk this sprint will be sending the location to other users in the group. This involves using some GPS requires us to find ways to pinpoint coordinates accurately and notify the roommates. We may also run into roadblocks with trying to translate coordinates into a meaningful address or convert it into a google maps pin location. None of us have worked with this before and so it may prove to be challenging.

Another challenge that we face is the notification system. Ideally, we want to have some sort of push based notifications that run in the background. This represents a challenge because we do not know how to do it, and it will require some research in order to figure it out. If it works, it will be a cool modern feature that most apps these days have anyways. It could also be a used in many parts of this sprint, as we will use notifications in multiple user stories this sprint.

Current Sprint Detail

User Story 1:

As a user, I would like to surf for potential roommates, so that I can find one that matches me.

Task Table:

Task Number	Description	Time	Task Owner
1	Have a Roommate Search button in the Options Menu	2	Sid
2	Create a Roommate View to show potential roommates	4	Sid
3	Have like and dislike buttons on the view to show interest or disinterest	2	Sid
4	Update the database with the liked users	3	Adrian
5	If there is a match where both users like each other display it in a Matched Users list	3	Sid
6	Manual test	2	Ian

Acceptance Criteria:

- Show roommates to be searched.
- Be able to like or dislike.
- If the users like each other, be able to see the results on the Matched Users list.

User Story 2:

As a user I would like to be able to rate my roommates, so that others know how they are as a roommate.

Task Table:

Task Number	Description	Time	Task Owner
1	View the roommates	3	Adrian
2	Rate the roommate	4	Adrian
3	Manual testing	2	Ian

Acceptance Criteria:

- The user should be able to see his roommates.
- The user should be able to rate his/her roommate.
- The Manual testing can be done using screenshots.

User Story 3:

As a user, I would like to see the ratings of my potential roommates, so that I can choose a good one.

Task Table:

Task Number	Description	Time	Task Owner
1	Get the user rating from the server	3	Risheek
2	Display the potential roommate rating	3	Risheek
3	Manual testing	2	Ian

Acceptance Criteria:

- View the profile of the roommate.
- View a potential roommate rating.
- Manual testing done using screenshots.

User Story 4:

As a user, I would like to know my potential roommate's interests, so that I can try to match with them.

Task Table:

Task Number	Description	Time	Task Owner
1	Get the potential roommate's interest from the server	3	Akshay
2	Display the potential roommate's interest on the Roommate View	2	Akshay
3	Manual testing	2	Ian

Acceptance criteria:

- View the Roommate View that has all potential information.
- View a potential roommate's interests.
- Manual testing done using screenshots.

User Story 5:

As a user, I would like to know when my lease is about to end, so that I can sign another one.

Task Table:

Task Number	Description	Time	Task Owner
1	Create an area to enter the lease dates.	4	Akshay
2	Check when the lease ends.	2	Adrian
3	Use the notification system before the lease is up.	3	Adrian
4	Manual Testing	2	Ian

Acceptance Criteria:

- Be able to enter the lease dates for the group.
- Be able to view the lease dates for the group.
- Add a reminder for all of the users in the group using notifications.

User Story 6:

As a user, I would like to be able to inform my roommates of my location in case of an emergency, so that they can get help.

Task Table:

Task Number	Description	Time	Task Owner
1	Create a button for the user to click	2	Risheek
2	Retrieve the location of the user	5	Risheek
3	Send an email to the roommates with the location of the user	3	Risheek
4	Manual Testing	2	Ian

Acceptance Criteria:

- Button should be available to the user
- The accurate location should be retrieved
- The emails must be sent to all the roommates.

User Story 7:

As a user, I would like to know whether my roommates smoke or drink, so that I can choose my roommates accordingly.

Task Table:

Task Number	Description	Time	Task Owner
1	View the roommates	1	Siddhant
2	Display whether a roommate smokes or drinks	3	Siddhant
3	Manual testing	2	Ian

Acceptance Criteria:

- View the profile of the roommate.
- View whether the roommate smokes or drinks.
- Manual testing done using screenshots.

User Story 8:

As a user, I would want to filter potential roommates,so that my roommate search is easier.

Task Table:

Task Number	Description	Time	Task Owner
1	Create filter button to filter potential roommates	3	Akshay
2	Filter roommates based on interest, age, major etc.	3	Akshay
3	Manual testing	2	Ian

Acceptance Criteria:

- The user is able to filter potential roommates based on interests
- The user is able to filter potential roommates based on age
- The user is able to filter potential roommates based on major
- Manual testing done through screenshots

User Story 9:

As a user, I would like to know when I should start searching for a new roommate, so that I do not forget.

Task Table:

Task Number	Description	Time	Task Owner
1	Use the lease date timer to know when the lease is almost up.	1	Adrian
2	Create a notification tab in the group fragments.	4	Adrian
3	Make a notification system that sends a new notification item of to the notification tab when timers are up.	4	Adrian
4	Manual Testing	2	Ian

Acceptance Criteria:

- View the lease date.
- Receive a notification when the lease date is close.
- Manual Testing.

User Story 10:

As a user, I would like to set my major, so that potential roommates can filter me by major.

Task Table:

Task Number	Description	Time	Task Owner
1	View the profile	2	Akshay
2	Update the major	2	Akshay
3	Manual testing	2	Ian

Acceptance Criteria:

- The user should be able to view the profile.
- The user should be able to update the user's major
- Manual testing using screenshots

User Story 11:

As a user, I would like to have weekly reminders to buy groceries for the apartment, so that things can be on a schedule.

Task Table:

Task Number	Description	Time	Task Owner
1	Create a notification tab in the group fragments	2	Akshay
2	Add reminder for user of when to buy groceries	3	Akshay
3	Manual testing	2	Ian

Acceptance Criteria:

- The user is able to set the day and time for reminder.
- The user is able to see reminders to buy groceries.
- Manual testing done through screenshots.

User Story 12:

As a user, I would like to set the location I am looking for an apartment in, so that I can appear to others looking in the same location.

Task Table:

Task Number	Description	Time	Task Owner
1	Create area to set location.	2	Risheek
2	Update the location on the database.	3	Risheek
3	Manual Testing	2	Ian

Acceptance Criteria:

- User should be able to change a location that represents where they are looking for an apartment.
- This location is updated on the database.
- The location appears accurately when other users are looking at the user's profile.
- Manual Testing.

User Story 13:

As a user, I would like to set my gender, so that I can be filtered by gender.

Task Table:

Task Number	Description	Time	Task Owner
1	Create a field for the user to select gender	2	Siddhant
2	Filter the other users based on this gender	4	Siddhant
3	Manual Testing	2	Ian

Acceptance Criteria:

- The user should be able to set their gender
- The user should see only the filtered potential roommates
- Manual testing using screenshots

User Story 14:

As a user, I would like to set my age, so that I can filter roommates by age.

Task Table:

Task Number	Description	Time	Task Owner
1	Create a field for the user to select age	2	Adrian
2	Filter the other users based on this age	3	Akshay
3	Manual Testing	2	Ian

Acceptance Criteria:

- The user should be able to set their age
- The user should see only the filtered potential roommates
- Manual testing using screenshots

User Story 15:

As a user, I would like to leave a group, so that I can move out of the apartment.

Task Table:

Task Number	Description	Time	Task Owner
1	Button for leaving the group	3	Risheek
2	Clear the group	3	Siddhant
3	Automated testing	2	Ian

Acceptance Criteria:

- User should be able to leave the group
- User should not be able to view the group once he/she leaves it
- Automated testing

User Story 16:

As a developer, I would like to update the app from previous sprints, so that the app works for the demo.

Task Table:

Task Number	Description	Time	Task Owner
1	Update individual chat to not use the server.	4	Risheek
2	Include the new parts of the app in the change theme setting.	3	Sid
3	Update profile to not use the server.	3	Akshay
4	Remove the unused functions from the server.	2	Adrian
5	Manual testing	2	Ian

Acceptance Criteria:

- Individual chat works.
- Themes show on new app sections.
- Server functions the way it is supposed to without the old functions.
- Profile displays accurate data.

User Story 17:

As a developer, I would like to document the process and code.

Task Table:

Task Number	Description	Time	Task Owner
1	Code reviews and coding standards	5	Adrian, Akshay, Ian, Risheek, Siddhant
2	Progress reports	5	Adrian, Akshay, Ian, Risheek, Siddhant
3	Planning Documents	5	Adrian, Akshay, Ian, Risheek, Siddhant
4	Code documentation	5	Adrian, Akshay, Ian, Risheek, Siddhant

Acceptance Criteria:

- Team member is assigned and delivers a reasonable amount of work, that is code reviewed and follows coding standard
- Team member delivers work each week, along with a progress report describing their work..
- Team member should collectively work on participating in all the documents that needs to be submitted.

Remaining Project Backlog

- ~~1. As a user, I would like to register for an ApartMate account, so that I can use the app.~~
- ~~2. As a user, I would like to send/receive messages to potential roommates, so that I can find a roommate.~~
- ~~3. As a user, I would like to start a new chat, so that I can talk to someone that I know is using the app.~~
- ~~4. As a user, I would like to send/receive group messages to roommates, so that I can communicate with my roommates.~~
- ~~5. As a user I would like to verify my email, so that nobody else can use my email in that app.~~
- ~~6. As a user, I would like to login, so that the app is person centered.~~
- ~~7. As a user, I would like to surf for potential roommates, so that I can find one that matches me.~~
- ~~8. As a user, I would like to recover my password, so that I do not need to create a new account every time I forget my password.~~
- ~~9. As a user, I would like to change my password, so that I don't have to remember a complicated one from recovered password.~~
- ~~10. As a user, I would like to add items to the grocery list, so that I can remember at the store.~~
- ~~11. As a user, I would like to make my schedule, so that my roommates can see it.~~
- ~~12. As a user, I would like to view my roommate's schedules, so that I can plan things accordingly.~~
- ~~13. As a user, I would like to set up chores around schedules, so that I can share chores evenly.~~
- ~~14. As a user I would like to have a chore list on one of the group tabs, so that I can see them quickly.~~
- ~~15. As a user, I would like to add a new receipt within a group and control the members within the receipt, so that we can split bills.~~
- ~~16. As a user, I would like to see the total I am required to pay for the month, so that I can pay my share.~~
- ~~17. As a user, i would like to weekly reminders to buy grocery for the apartment, so that things can be on a schedule.~~
- ~~18. As a user, i would like to set up location-based reminders to buy grocery for the apartment, so that I can remember to buy things when I can near where I can buy them (if time permits).~~
- ~~19. As a user I would like to be able to rate my roommates, so that others know how they are as a roommate.~~
- ~~20. As a user, I would like to see the ratings of my potential roommates, so that I can choose a good one.~~

- ~~21. As a user, I would like to know my roommate's interests, so that I can know what they enjoy doing.~~
- ~~22. As a user, I would like to know my potential roommate's interests, so that I can try to match with them.~~
- ~~23. As a user, I would like to know what possessions of my roommate can be shared, so that I can use them.~~
- ~~24. As a user, I would like to share files or information in a quick and efficient manner, so that I can send them to everyone at once(if time permits)~~
- ~~25. As a user, I would like to know birthdays of my roommates, so that I can celebrate with them.~~
- ~~26. As a user, I would like to know when my lease is about to end, so that I can sign another one.~~
- ~~27. As a user, I would like to know when I should start searching for a new roommate, so that I do not forget.~~
- ~~28. As a user, I would like to have emergency contact information of my roommates, so that I know who to call in an emergency.~~
- ~~29. As a user, I would like to be able to inform my roommates of my location with one click in case of an emergency, so that they can get help.~~
- ~~30. As a user, I would like to be able to have a roommate consensus system, so that I have a way to resolve conflict.~~
- ~~31. As a user, I would like to have a "Do Not" section, so that I can set boundaries with my possessions and respect my roommates' possessions.~~
- ~~32. As a user, I would like to have an electronic chore wheel, so that chores can be randomly assigned for fun.~~
- ~~33. As a user, I would like to know whether my roommates smoke or drink, so that I can choose my roommates accordingly.~~
- ~~34. As a user, I would like to have a free app that is applicable for both roommates and potential roommates, so that I know where to look.~~
- ~~35. As a user, I would like to know normally how late my roommate comes home everyday, so that I can plan around it.~~
- ~~36. As a user, I would like to be able to log out of my account, so that other users can log in from my device.~~
- ~~37. As a user, I would like to upload profile picture, so that I can attract possible roommates~~
- ~~38. As a user, I would want to filter potential roommates, so that my roommate search is easier.~~
- ~~39. As a user I would like to create a profile, so that I can personalize my account.~~
- ~~40. As a user, I would like to edit my profile, so that I can reflect recent changes.~~
- ~~41. As a user, I would like to download files shared by my roommates with me.~~
- ~~42. As a user, I would want to set themes for my account, so that I can reflect my world view.~~

- ~~43. As a developer, I would like to produce thorough documentation at each step in the development process.~~
- ~~44. As a user, I would like to remove chores from the chore list.~~
- ~~45. As a user, I would like to add chores to the chore list, so that all the chores can be completed.~~
- ~~46. As a user, I would like to see my roommates' schedule so that I am aware of their lifestyle.~~
- ~~47. As a user, I would like to add items to the grocery list, so that I can purchase them.~~
- ~~48. As a user, I would like to create an apartmate group, so that everything related to the group can be accessed by all group members.~~
- ~~49. As a user, I would like to set the location I am looking for an apartment in, so that I can appear to others looking in the same location.~~
- ~~50. As a user, I would like to set my gender, so that I can be filtered by gender.~~
- ~~51. As a user, I would like to set my age, so that I can be filtered by age.~~
- ~~52. As a user, I would like to set my major, so that I can be filtered by major.~~
- ~~53. As a developer, I would like to update the app from previous sprints, so that the app works for the demo.~~
- ~~54. As a user, I would like to leave a group, so that I can create a new group.~~
- 55. As an apartment lessor, I want to be able to post an apartment I own for lease, in order to tell potential lessees about my apartment. (if time allows)
- 56. As a user, I would like to link my social media account so that I seem more attractive to potential roommates. (if time allows)
- 57. As a user, I would like to share youtube links with all my roommates, so that they can view the video in the chat window. (if time allows)
- 58. As a user, I would like to see if others are typing in the group chat, so that I know they are responding. (if time allows)