ApartMate

Team 3 - Sprint 2 Planning Document
Group members - Adrian Raj, Akshay Srinivasan, Ian Rettig, Risheek
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Sprint Overview

During this sprint, we will be focusing on creating the group object and all of the features that revolve around it. This includes letting a user start the group, having users in the group message each other, the chores list, add a new receipt in a group for it to be split. The group system is a central part of our app, so it is important that we do it correctly and completely. We will be trying to complete every user story that has to do with the group in any way. Once this is done, we will be able to focus on the other aspects of the application that do not revolve around the group, along with polishing up what exists.

SCRUM master: Risheek Narayanadevarakere

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

Risks and Challenges:
The risks and challenges during this sprint will be much less than there was last sprint. At this point, we have a solid grasp of the application, coding in android, and a basic server working. These all will be a starting point for what needs to be done. That being said, it still will be a challenge to complete all of the user stories that we are setting for ourselves, and for them to be a good quality. We are doing so many because they all are related. Because they are all closely related, we need to make sure that they are built robustly and do not break very easier. They also need to be efficient. These things will be presenting the challenge this sprint.

Current Sprint Detail

User Story 1:
As a user, I would like to send/receive group messages to roommates, so that I can communicate with my roommates.

Task Table:

Task Number	Description	Time	Task Owner
1	Create a chat within a group containing all the members within the group	4	Risheek
2	Store the messages in the database	3	Adrian
3	Manual Testing - test for whether messages are being sent to and received by all the members in the group	3	Adrian

Acceptance Criteria:

- A user can send a message
- The user can receive and view all the messages sent by the other members within the group
- The Manual testing can be done using screenshots

User Story 2:
As a user, I would like to view my roommate's schedule, so that I can plan things accordingly.

Task Table:

Task Number	Description	Time	Task Owner
1	View roommate's profile	3	Siddhant
2	View the roommate's schedule	2	Siddhant
3	Click on events and see the description	2	Adrian
4	Manual testing using 2 devices	1	Ian

Acceptance Criteria:

- The user can see the roommate's profile and click on his schedule
- The user can see the description of the events and how long the event is
- This can be tested using 2 devices and manually selecting each other's schedule.
- The Manual testing can be done using screenshots

User Story 3:
As a user, I would like to set up chores around schedules, so that I can share chores evenly.

Task Table:

Task Number	Description	Time	Task Owner
1	Set up chores	4	Akshay
2	Set the time and description for each chore	2	Akshay
3	Store these chores on the database	2	Ian
4	Unit test - Use two devices to see the chores	1	Ian

Acceptance Criteria:

- The user should be able to set up chores
- The user should be able to add chores to calendar along with chore time and description
- Store the chore events on the database
- Test if the chores show up on the calendar using two different devices

User Story 4:
As a user I would like to have a chore list on one of the group tabs, so that I can see them quickly.

Task Table:

Task Number	Description	Time	Task Owner
1	Set a table view for the list of chores	4	Akshay
2	View chores on the list	1	Akshay
5	Manual testing to see the chore list	1	Adrian

Acceptance criteria:
- Set a table view for the list of chores
- The user should be able to view the chores on the list
- Manual testing

User Story 5:
As a user, I would like to add chores to the chore list, so that all the chores can be completed.

Task Table:

Task Number	Description	Time	Task Owner
1	See the current chore list	3	Risheek
2	Have a button that lets the user add a chore	2	RIsheek
2	Add a specific chore to it	2	Risheek
3	Manual testing	1	Adrian

Acceptance Criteria:
- The user should be able to view the chore list
- The user should be able to add chores to the list
- The user should be able to remove a chore

User Story 6:
As a user, I would like to remove chores from the chore list.

Task Table:

Task Number	Description	Time	Task Owner
1	See the chore list and remove specific chores from it	3	Risheek
2	Have a button that lets the user add a chore.	2	Risheek
3	Remove a specific chore	2	Risheek
4	Manual testing	1	Ian

Acceptance Criteria:

- The user should be able to view the chore list
- The user should be able to remove chores from the chore list
- Manual testing to see if the chores are removed

User Story 7:
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.

Task Table:

Task Number	Description	Time	Task Owner
1	Add a button that lets us add a receipt	1	Siddhant
2	Add text fields to add the item and group	2	Siddhant
3	Pick which group member needs to pay for a certain item	2	Siddhant
4	Link the information to the database	3	Ian

Acceptance Criteria:
● The user should be able to see their own picture on their profile area.
● Another user should be able to see the picture of the user they are chatting with in the chat message box.
● The picture should be stored on a file storage server.

User Story 8:
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.

Task Table:

Task Number	Description	Time	Task Owner
1	See the total amount in one of the group tabs	2	Akshay
2	View changes to the amount if a bill has been paid	2	Akshay
3	View changes to the amount if a bill has been added	2	Akshay
4	Manual testing	1	Adrian

Acceptance Criteria:
- The user should be able to see his/her total bill in one of the group tabs so that he/she can know how much he/she needs to pay at the end of the month
- Manual testing

User Story 9:
As a user, I would like to see my roommates' schedule so that I am aware of their lifestyle.

Task Table:

Task Number	Description	Time	Task Owner
1	Add a button that lets the user open the schedule of the user's roommate.	2	Siddhant
2	View the roommate's schedule	1	Siddhant
3	Manual testing	1	Ian

Acceptance Criteria:
- Use Google calendar Api to make/edit schedule.
- Create a button to open the schedule.
- View the calendar inside the apartment schedule.

User Story 10:
As a user, I would like to add items to the grocery list, so that I can purchase them.

Task Table:

Task Number	Description	Time	Task Owner
1	View the current list	2	Risheek
2	Create fields to add items	3	Risheek
3	Send the item to the server and database	1	Ian
4	View the updated list.	2	Akshay
5	Add button to remove items from the list.	2	Akshay
6	Remove item from the database	1	Ian
7	Manually test that the items appear on the list	1	Ian

Acceptance Criteria:
- Be able view the grocery list.
- Be able to add an item to the grocery list.
- Be able to remove an item from the list.
- Be able to see the list as any user in the apartment group.
- See the updates that another user makes.

User Story 11:
As a user, I would like to know my roommate's interests, so that I can know what
they enjoy doing.

Task Table:

Task Number	Description	Time	Task Owner
1	Add interest section to user profile UI	2	Akshay
2	Add page for adjusting interests	2	Akshay
3	Create message to send the information to the server to be stored on the database.	2	Adrian
4	Create message to retrieve the information from the server and display on profile.	2	Adrian
5	Manually test setting interest, seeing them on own profile, and on other user's screen.	2	Adrian

Acceptance Criteria:
- Be able to update user interests and see the reflected changes in the database.
- View the interests in your own profile.
- View another's interests in their profile.

User Story 12:
As a user, I would like to know what possessions of my roommate can be shared, so that I can use them.

Task Table:

Task Number	Description	Time	Task Owner
1	Add possessions to the list	3	Risheek
2	Remove possessions from the list	2	Risheek
3	View which possessions can be shared	3	Risheek
4	Manual testing	2	Ian

Acceptance Criteria:
- As a user I should be able to add my possessions to the list
- As a user I should be able to remove my possessions
- As a user I should be able to view the shared possessions
- Manual testing

User Story 13:

As a user, I would like to know birthdays of my roommates, so that I can celebrate with them.

Task Table:

Task Number	Description	Time	Task Owner
1	Add birthdays to profile	2	Siddhant
2	Birthday notification to roommates	3	Siddhant
3	View roommate's birthday	1	Siddhant
4	Store birthdays on the database	1	Ian
5	Manual testing	1	Ian

Acceptance Criteria:
- As a user I should be able to add my birthday to my profile
- As a user I should be able to view my roommate's birthday
- As a user I should get a notification when it's my roommate's birthday
- Manual testing

User Story 14:

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.

Task Table:

Task Number	Description	Time	Task Owner
1	Logout of the app	2	Risheek
2	Clear current user's session	4	Adrian
3	Notify the server	2	Risheek
4	Manual testing	2	Adrian

Acceptance Criteria:
- As a user I would be able to logout of the app
- Once I logout, the app should clear my information
- Manual testing

User Story 15:

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.

Task Table:

Task Number	Description	Time	Task Owner
1	Create a group	3	Akshay
2	Add members to the group	3	Ian
3	Give a title to the group	1	Akshay
4	Manual Testing	2	Ian

Acceptance Criteria:
- As a user I should be able to create a group
- As a user I should be able to add members to the group
- As a user I should be able to change the group name
- Manual testing

User Story 16:

As a user, I would like to know normally how late my roommate comes home everyday, so that I can plan around it.

Task Table:

Task Number	Description	Time	Task Owner
1	Check my roommate's schedule and see his daily meetings/appointments/events	3	Siddhant
2	Manual testing	1	Ian

Acceptance Criteria:
- As a user I should be able to see my roommate's schedule so that I know what events he/she has and plan my day accordingly
- As a user I should be able to view my roommate's schedule to see what time his/her last event/meeting ends
- Manual testing

User Story 17:

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.

Task Table:

Task Number	Description	Time	Task Owner
1	Remove possessions from the list	2	Risheek
2	Mark possessions which cannot be shared	3	Risheek
3	Store the selections/marking on the database	2	Adrian
4	Manual testing	2	Adrian

Acceptance Criteria:
- As a user I should be able to remove or unmark possessions I do not wish to share
- All the unshared possessions should be updated within the group
- Manual testing

User Story 18:

As a user, I would like to have emergency contact information of my roommates, so that I know who to call in an emergency.

Task Table:

Task Number	Description	Time	Task Owner
1	Add emergency contact information to user profile page.	2	Siddhant
2	Add a page in group menu where all user's emergency contact information is displayed.	3	Siddhant
3	Add listener to collect information and send to the server and database for storage.	3	Ian
4	Be able to receive the contact information for everyone in a group from server and display in proper place.	3	Ian

Acceptance Criteria:
● User should be able to add an emergency contact
● Emergency contact should be visible to all members in a group
● User should be able to edit their emergency contact

User Story 19:

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	6	Adrian, Akshay, Ian, Risheek, Siddhant
2	Progress reports	6	Adrian, Akshay, Ian, Risheek, Siddhant
3	Planning Documents	6	Adrian, Akshay, Ian, Risheek, Siddhant
4	Code documentation	6	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 set up time-based 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.
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.
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 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)
50. As a user, I would like to link my social media account so that I seem more attractive to potential roommates. (if time allows)
51. 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)
52. 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)