



Team 4 Sprint3 Planning Document

Designed by meetzam-Dev Team:

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1. OVERVIEW

In Spring3, our team will focus on implement a couple of core functionalities in our product backlog, namely in-app chat room and matched-user list. Upon completion of these functionalities, all the core features of our app will be marked as complete. Beyond that mark, we also planned to implement several other features.

Scrum Master:

Junpu Fan

Meeting Schedule:

Monday / Wednesday / Friday during CS 307 block (11:30am - 12:30pm)

Monday / Wednesday Evening (6:00pm - 9:00pm)

Risks / Challenges:

For us, the in-app chatroom is a brand new feature which will require a special user interface and data retrieval, so this may cost us some time to investigate how to build the chat room which is similar to chat room in other published apps.

2. CURRENT SPRINT DETAIL

❁ USER STORY 1

▶ *As a developer, I would like to store first time users' basic information*

| # | Task Discription | Estimated Time | Owner |
|---|---|----------------|------------|
| 1 | Implement client side function to decide if the user log in to our app for the first time | 3 hr | Yuting Guo |
| 2 | Implement layout for welcome page | 6 hr | Zuyuan Fan |
| 3 | Implement client side function to store user profile to database | 2 hr | Yuting Guo |
| 4 | Implement client side function to store user profile to S3 | 3 hr | Ling Zhang |

◆ *Acceptance Criteria*

- Given that the user logged in our app for the first time, when the user completes filling in basic information, server side can store the default basic information into database and S3.
- Given that the user is on the page to fill in basic information on welcome page, when the user attempts to save the basic information before completing all required fields, the user will be notified and will not be able to proceed to the next step.

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❖ USER STORY 2

- ▶ *As a user, I would like to see movie reviews*

| # | Task Discription | Estimated Time | Owner |
|---|--|----------------|------------|
| 1 | Implement client UI in the homepage to display user review | 5 hr | Zuyuan Fan |
| 2 | Implement server side functions to fetch movie comments from TMDB. | 2 hr | Junpu Fan |
| 3 | Implement server side functions to store movie comments to database. | 2 hr | Junpu Fan |
| 4 | Implement test cases | 2 hr | Yuting Guo |

◆ *Acceptance Criteria*

- Given the user is on the homepage, when the user scroll down the page, the user will be able to see comment from another website of the current movie.

❖ USER STORY 3

- ▶ *As a user, I want to know what movies will be out in the next few weeks.*

| # | Task Discription | Estimated Time | Owner |
|---|--|----------------|------------|
| 1 | Implement server side functions to fetch movies that will be out in the next few weeks and save them in movie table. | 3 hr | Junpu Fan |
| 2 | Display future movies in the home page | 2 hr | Zuyuan Fan |
| 3 | Implement test cases | 3 hr | Qi Meng |

◆ *Acceptance Criteria*

- Given the user is on homepage, the user will be able to see basic information of movies that will be out in the next few weeks, including movie poster, director, trailer, etc.

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❁ USER STORY 4

- *As a user, I want to have a matched user chatroom list.*

| # | Task Discription | Estimated Time | Owner |
|---|---|----------------|------------|
| 1 | Implement client UI of chatroom page | 3 hr | Zuyuan Fan |
| 2 | Create a table of chatrooms in the DynamoDB | 2 hr | Ling Zhang |
| 3 | Implement client side function to store newly created chatroom to database | 3 hr | Ling Zhang |
| 4 | Implement client side function to get all chatrooms of the current user | 3 hr | Ling Zhang |
| 5 | Implement client side function to get a chatroom of the current user with one of his/her matched users | 2 hr | Ling Zhang |
| 6 | Implement client side function update last activity time whenever user created the chatroom or chat in the chatroom | 6 hr | Ling Zhang |
| 7 | Implement test cases | 3 hr | Qi Meng |

◆ *Acceptance Criteria*

- Given the user has matched with other users in the matching view, when the user is on chatroom page, the user will be able to see a list of automatically created chat rooms in the chat room view.
- Given the user is on the chatroom page, the user will be able to see the list of chat rooms in order of activity time.

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❁ USER STORY 5

- *As a user, I want to chat with matched users through a messaging interface.*

| # | Task Discription | Estimated Time | Owner |
|---|---|----------------|------------|
| 1 | Implement the chat UI | 7 hr | Zuyuan Fan |
| 2 | Create and configure a conversation table in database | 2 hr | Yuting Guo |
| 3 | Create client side function to store the conversation information such as user, chatroom, recipient, and message and time | 4 hr | Yuting Guo |
| 4 | Implement client side functions which fetch conversation history from table according to user ID and chatroom ID | 8 hr | Yuting Guo |
| 5 | Implement test cases | 3 hr | Qi Meng |

◆ *Acceptance Criteria*

- Given that the user has seen a list of chat rooms, when the user taps on one of the chat room, the user will be able to see a chat page with the user.
- Given that the user is on the chat page with another user, when the user input a message, the other user will receive the message.
- Given that the user is on the chat page with another user, when the other user in the chatroom sends a message to the current user, the current user will be able to see the message in real time.

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❖ USER STORY 6

- ▶ *As a user, I want to have a matched user contact list*

| # | Task Discription | Estimated Time | Owner |
|---|--|----------------|------------|
| 1 | Implement client side contact list UI | 7 hr | Qi Meng |
| 2 | Implement button that connects contacts to their profile page | 4 hr | Sean Chew |
| 3 | Implement client side function to get user's list of matched users | 1 hr | Ling Zhang |
| 4 | Implement test cases | 2.5 hr | Sean Chew |

◆ *Acceptance Criteria*

- Given the user has matched users from matching view, when the user is on the contact page, the user will be able to see every matched user in the contact list.

❖ USER STORY 7

- ▶ *As a user, I want to see my matched users' profile.*

| # | Task Discription | Estimated Time | Owner |
|---|--|----------------|-----------|
| 1 | Implement button that connect user's profile page to the contact list | 4 hr | Sean Chew |
| 2 | Implement UI that displays the matched users' profile | 8 hr | Qi Meng |
| 3 | Implement client side function to get profile of a matched user from the list suitable for display | 6 hr | Qi Meng |
| 4 | Implement test cases | 2.5 hr | Sean Chew |

◆ *Acceptance Criteria*

- Given that the user is on contact page, when the user taps on one of the matched users, the user will be able to see matched user's profile page.
- Given that the user is on the profile page of a matched user, the user will be able to see the profile photo, basic information, and liked movies of the matched user.

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✿ USER STORY 8

- *As a user, I want to receive notification when a matched user sends me a message.*

| # | Task Discription | Estimated Time | Owner |
|---|---|----------------|-----------|
| 1 | Implement UI to show that the user has a new message on the tab bar | 6 hr | Sean Chew |
| 2 | Implement client side function to link backend server to UI new message notification on the tab bar | 6 hr | Sean Chew |
| 3 | Implement and test push notification when there is a new message | 6 hr | Junpu Fan |
| 4 | Configure AWS SNS to push notification to users user receive a new message | 8 hr | Junpu Fan |
| 5 | Implement test cases | 2.5 hr | Sean Chew |

◆ *Acceptance Criteria*

- Given that one of the user's matched user sends the user a message, when the user is not on the app, the user will receive notification.
- Given that one of the user's matched user sends the user a message, when the user is on the app but not on the chat page with the user who sends the message, the user will see new message indication on the tab bar.

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❁ USER STORY 9

- ▶ *As a user, I want to report another user if he or she demonstrated inappropriate behaviors*

| # | Task Discription | Estimated Time | Owner |
|---|---|----------------|------------|
| 1 | Implement UI to report user and fill in a form of detail information of the case | 7 hr | Zuyuan Fan |
| 2 | Implement client side function to send the report details to develop team | 6 hr | Yuting Guo |
| 3 | Implement client side function to send a confirmation email to the user as soon as the user submits the report case | 6 hr | Ling Zhang |
| | Implement test cases | 2.5 hr | Sean Chew |

◆ *Acceptance Criteria*

- Given that one of the matched users of the current user is sending inappropriate contents, when the user taps on the “report” button on corresponding conversation page, the user will be redirected to fill in a form to report details of the inappropriate behaviors of this matched user.
- Given that the user has filled in the form, when the user taps on “submit” button, a detailed report, including date and time and userIDs of both users will be generated and sent to the developing team for manual inspection.
- Given that the user has filled in the form, when the user taps on “submit” button, the user will receive a confirmation email indicating that he or she has successfully reported the matched user.

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❖ USER STORY 10

- ▶ *As a developer, I would like to improve overall performance of the app*

| # | Task Discription | Estimated Time | Owner |
|---|---|----------------|-----------|
| 1 | Expand our RESTful API implementations. | 8 hr | Junpu Fan |
| 2 | Supply an API client in Xcode environment for other team members for easy interaction with the backend functions. | 2 hr | Junpu Fan |
| 3 | Implement API tests in using Postman | 3 hr | Junpu Fan |

◆ *Acceptance Criteria*

- Given the our RESTful API have deployed on the cloud, developers will be supplied with a API Client in Xcode environment for easy interactions with the backend functions.

❖ USER STORY 11

- ▶ *As a user, I would like to delete a matched user that I no longer want to communicate with*

| # | Task Discription | Estimated Time | Owner |
|---|--|----------------|------------|
| 1 | Implement UI to enable deletion of a matched user in the contacts tab | 1 hr | Qi Meng |
| 2 | Implement server side functions to delete this matched user from the database. | 3 hr | Yuting Guo |
| 3 | Implement server side functions to delete the chat room between the user and the matched user from the database. | 4 hr | Ling Zhang |
| 4 | Implement test cases | 1 hr | Sean Chew |

◆ *Acceptance Criteria*

- Given users in contact view, user could successfully delete and unmatched a user.

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3. BACKLOG

1. ~~As a user, I want to log in by Facebook~~
2. ~~As a user, I want to log out of the app~~
3. ~~As a user, I want to see the basic layout and control flow of the app~~
4. ~~As a user, I want to access and see my personal information in my profile page~~
5. ~~As a user, I want to update my profile~~
6. ~~As a user, I want to know what movies are out this week~~
7. ~~As a user, I want to know the popularity of the movies~~
8. ~~As a user, I want to check posters and introductions of a movie~~
9. ~~As a user, I want to display movies I like that are currently showing in theaters.~~
10. ~~As a user, I want to display movies I liked that are no longer showing in theaters.~~
11. ~~As a user, I want to like the movies I want to watch and wait for others to "like" me~~
12. ~~As a user, I want to see other people who like the same current movies as me~~
13. ~~As a user, I want to "like" people who liked the same movies with me~~
14. ~~As a user, I want to receive push notification when I have a new match.~~
- 15. As a user, I want to have a matched user contact list**
- 16. As a user, I want to see movie reviews from other website**
- 17. As a user, I want to know what movies will be out in the next few weeks.**
- 18. As a user, I want to have a matched user chatroom list.**
- 19. As a user, I want to chat with matched users through a messaging interface**
- 20. As a user, I want to see my matched users' profile.**
- 21. As a user, I want to receive notification when a matched user sends me a message.**
- 22. As a user, I want to report another user if he or she demonstrated inappropriate behaviors**