



Team 4 Sprint2 Planning Document

Designed by meetzam-Dev Team:

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1. OVERVIEW

During Sprint 2, our team will be continuing to set up the basic functions of our app. When Sprint 2 concludes, users should be able to “like” movies that they like, “match” with other qualifying users, receive notification whenever they receive a successful match. For this Sprint, we will be focusing on the ten user stories listed below.

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:

Time management will be a big challenge this Sprint, especially with Spring Break in the middle. We have many major functions that need to be implemented this Sprint and will have to efficiently manage our time in order to successfully complete all tasks on time. Once again, learning how to implement some tasks using Swift in the front-end and DynamoDB/AWS Lambda in the backend will once again prove to be a challenging task since they are still relatively new to all group members. The difficulty of the tasks in Sprint 2 is also significantly higher than those of Sprint 1. An example would be implementing the matching algorithm to match eligible users with each other. Once again, working in a group requires our members to communicate efficiently and wisely.

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2. CURRENT SPRINT DETAIL

✿ USER STORY 1

- ▶ *As a user, I want to log out of the app.*

#	Task Discription	Estimated Time	Owner
1	Implement log out handler function in app	4 hr	Zuyuan Fan
2	Connect AWS and Facebook to let user switch accounts	6 hr	Zuyuan Fan
3	Implement test cases	3 hr	Qi Meng

◆ *Acceptance Criteria*

- Given the user has already logged in with their Facebook account, when the user is on profile page, the user will be able to logout and return to home page before logged in.
- Given the user had already logged out and on the home page, when the user click on login button, the user will be able to enter any Facebook account and password to log in to our application.

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✿ USER STORY 2

- *As a user, I want to "like" the movies I want to watch and wait for others to "like" me*

#	Task Discription	Estimated Time	Owner
1	Implement like button on movie page, and will indicate whether the user liked this movie or not	6 hr	Zuyuan Fan
2	Add new attribute "currentLikedMovieList" in database	2 hr	Ling Zhang
3	Implement client side function to check if user like the current movie on the screen and show it	3 hr	Yuting Guo
4	Implement client side function to add a movie to user's list of liked movie	2 hr	Ling Zhang
5	Implement client side function to add the user to the movie's list users who like it	2 hr	Ling Zhang
6	Update functions related to old table	2 hr	Ling Zhang
7	Implement test cases for client functions	3 hr	Qi Meng

◆ *Acceptance Criteria*

- Once a user liked a movie, the user should be informed that he or she successfully liked the movie.
- The movie should be added to the current movie liked list in database.
- The liked movies should be displayed in the user's profile page

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✿ USER STORY 3

- ▶ *As a user, I want to unlike a movie that I previously liked.*

#	Task Discription	Estimated Time	Owner
1	Implement UI feature to indicate the user has cancelled liking a movie on the movie page	4 hr	Zuyuan Fan
2	Implement client function to remove a movie from the user's liked movies	3 hr	Ling Zhang
3	Implement client function to remove the user from the movie's liked user list	1 hr	Ling Zhang
4	Implement test cases for client functions	3 hr	Qi Meng

◆ *Acceptance Criteria*

- Given the user has already liked a movie, when the user double tapped the movie or pressed a button that we provided. The movie will be removed from the user's liked movie list. And this movie will no longer displayed in the like-movie-list in the client.

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❁ USER STORY 4

- *As a user, I want to see movies I liked that are currently showing in theaters in profile.*

#	Task Discription	Estimated Time	Owner
1	Implement server side function to return currentLikedMovieList	3 hr	Junpu Fan
2	Implement backend function to add or update liked current movies in profile	3 hr	Junpu Fan
3	Implement client side function that get the current movies to update profile	3 hr	Junpu Fan
4	Implement UI in profile page that displays movies that are currently showing in theaters	5 hr	Qi Meng
5	Configure OutOfTheaterMovie table in database	4 hr	Sean Chew
6	Implement server side function to move movies that are out of theater from current movie table to the newly built OutOfTheaterMovie table every time we update the current movie table	3 hr	Ling Zhang
7	Implement server side function to update user's current liked movie list and history liked movie list every time a movie goes out of the theater	3 hr	Ling Zhang
8	Implement test cases	3 hr	Qi Meng

◆ *Acceptance Criteria*

- The user should be able to see movies that he/she liked and are still in theater, once he/she tapped into “more” button in profile page
- The user should be able to see three movies that he/she liked most recently on his/her profile page

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❁ USER STORY 5

- ▶ *As a user, I want to see movies that I liked that are no longer showing in theaters in profile.*

#	Task Discription	Estimated Time	Owner
1	Implement UI in profile page that displays liked movies no longer in theaters	5 hr	Qi Meng
2	Add new attribute "historyLikedMovieList" in database	1 hr	Junpu Fan
3	Implement backend function to compare and filter the movies which are not on theater	3 hr	Junpu Fan
4	Implement backend function to add outdated movies from current movies to history movies in database	3 hr	Junpu Fan
5	Implement client side function that update current movies and history movies	4 hr	Yuting Guo
6	Implement test cases	3 hr	Qi Meng

◆ *Acceptance Criteria*

- The user should be able to see movies that he/she liked but are no long in theater in the history segment once he/she tapped into "more" button in profile page

❁ USER STORY 6

▶ *As a user, I want to see all the people who will be potential matches.*

#	Task Discription	Estimated Time	Owner
1	Implement matching UI that display all the users that liked the same movies I liked	6 hr	Sean Chew
2	Implement backend function that gets all users that like one or more common current movies with me	4 hr	Yuting Guo
3	Implement client side function that extracts the basic information of potential match people for display	3 hr	Yuting Guo
4	Implement test cases	3 hr	Sean Chew

◆ *Acceptance Criteria*

- The user should be able to see profiles of users who liked the same movies as he/she
- The user should be able to see “No more potential match” when he/she finished viewing all the other users in the matching pool

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❁ USER STORY 7

- *As a user, I want to “like” (swipe right) people who liked the same movies as me*

#	Task Discription	Estimated Time	Owner
1	Implement like UI that supports the “like” (swipe right function)	4 hr	Zuyuan Fan
2	Implement UI that show a pop up window when current matching succeeds.	4 hr	Zuyuan Fan
3	Delete the old user profile table and create and reconfigure a new user profile table with new attribute “liked people”	1.5 hr	Yuting Guo
4	Update all the functions relate to user profile table	1.5 hr	Yuting Guo
5	Implement backend function that add or update liked people of this user	3 hr	Yuting Guo
6	Implement backend function that checks whether there is a match	4 hr	Yuting Guo
7	Implement test cases	3 hr	Sean Chew

◆ *Acceptance Criteria*

- The user should be able to swipe right to like a person, and swipe left to “pass”
- The user should be able to see the profile of the next user once he swiped right/left
- The user would see a pop up window when he/she gets a match
- The user would be able to choose to continue matching with other people

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✿ USER STORY 8

- ▶ *As a user, I want to receive push notification when I have a new match*

#	Task Discription	Estimated Time	Owner
1	Implement UI to show that the user has a new match chat room created on the tab bar	6 hr	Sean Chew
2	Implement and test push notification	6 hr	Junpu Fan
3	Configure AWS SNS to push notification to users when they match successfully	8 hr	Junpu Fan
4	Implement test cases	3 hr	Sean Chew

◆ *Acceptance Criteria*

- Show push notification when the user get new matches

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✿ USER STORY 9

- ▶ *As a user, I want to see movie trailer of the movie on the movie home page.*

#	Task Discription	Estimated Time	Owner
1	Implement in-app video play to play movie trailer on movie home page	2 hr	Zuyuan Fan
2	Implement new attribute "trailer_path" in database of movies.	2 hr	Sean Chew
3	Modify backend function to store movie trailer URL into database	6 hr	Qi Meng
4	Modify client side function to get movie trailer url from database	6 hr	Qi Meng
5	Implement test cases	3 hr	Sean Chew

◆ *Acceptance Criteria*

- Given the user is on the home page and logged in, when the user swipe up to see the detail of the movie, the user will be able to watch the movie trailer in app.

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✿ USER STORY 10

- *As a user, I want to update my profile photo*

#	Task Discription	Estimated Time	Owner
1	Create functions that allow user to upload public and private profile pictures onto database.	6 hr	Yuting Guo
2	Create functions that allow user to download public and private profile pictures from database.	6 hr	Ling Zhang
3	Create functions that allow user to delete public and private profile pictures from database.	6 hr	Ling Zhang
4	Implement test cases	3 hr	Sean Chew

◆ *Acceptance Criteria*

- Given the user has logged in, when user what to change his or her profile photo, the user will be about to select from his or her album
- Given the user has successfully selected the profile photo from album, when the user confirm uploading it, the photo will be uploaded to our cloud storage.
- Given the user has uploaded the new profile photo to our cloud storage, when the user returns to his or her profile page, the photo shown will be updated.

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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 that 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 filter movies according to category

16. As a user, I want to have a friend list

17. As a user, I want to search and add friends by their usernames

18. As a user, I want to know see my friends' profile

19. As a user, I want to invite my friends to watch movie

20. As a user, I want to receive notification when my friends add me to chat

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- 21. As a user, I want to chat with friends about specific plans of how we are going to watch the movie
- 22. As a user, I would like to comment on the movies
- 23. As a user, I would like to see other peoples' comments on the movies
- 24. As a user, I would like to see movie reviews from other website
- 25. As a user, I want to know what movies will be out in the next few weeks
- 26. As a user, I want to report another user if he or she demonstrated inappropriate behaviors, and their meetzam credit score will be deducted