

Sprint 2 Planning Document

Team 3 Slotheater

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Table of Contents

Sprint Overview	1
Current Sprint Detail	2-5
User Story #1	3
User Story #2	.....	4
User Story #3	.....	5
Remaining Backlog	.....	6-7
Functional Requirements	.....	6
Non-Functional Requirements	.....	7

Sprint 2 Overview

For our second sprint, we are going to focus on the user sessions and being able to use our static html in a flask environment. By the end of this sprint, a user will be able to create and maintain a session by logging in. He or she will be able to create and edit a profile. If desired, the user should also be able to reset his or her password or update his or her profile. In addition, the user will be able to pull and view a movie's information from IMDB's api.

Scrum Master: Matthew Morris

Meeting Schedule: MWF after class. Availability on weekends as well.

Risks/Challenges: We are considering changing from elephant SQL for our database to SQLite which could cause issues with the progress we've already made. Also, we need to get a better understanding of some of the languages/tools we are intending to use such as: Python, SQL, flask, and BootStrap. Our tasks could either be achievable in a timely manner or could be near impossible to complete for this sprint.

Current Sprint Detail

User Story #1

As a user, I would like to create a profile on the web. As a developer, we'd like to use flask for this process.

#	Task Description	Estimated Time	Owner
1.	Set up and update our database using SQL	2 hrs	Caleb
2.	Implement functionality for account and profile creation on back end	3 hrs	Corbin
3.	Set up web client and routes	4 hrs	Matt
4.	Update web client templating	6 hrs	All
5.	Implement ability to update accounts on web client	3 hrs	Terik
6.	Organize application directories.	2 hrs	Justin

Acceptance Criteria:

- Given that the backend to create users is created successfully, when a request to create an account is made then the user's account will be added to the database given that the email has not been taken.
- Given that an account has been successfully created, when the user advances to the next screen then he or she should see the edit profile page.
- Given that the user has finished editing their profile, they should then be directed to the home page.

User Story #2

As a user, I would like to log in and maintain my current session while I'm online.

#	Task Description	Estimated Time	Owner
1.	Display profile login page	3 hrs	Terik
2.	Pull profile information from database and display it on the profile page	4 hrs	Justin
3.	Remove user from database if account is deleted	2 hrs	Corbin
4.	When profile information is saved, update the database for the user	3 hrs	Caleb
5.	Create and store a session token.	2 hrs.	Matt

Acceptance Criteria:

- ➔ Given that a user is currently signed in, when they click on the “edit” button on their profile page they should be able to change any information they wish.
- ➔ Given that the user is not currently signed in and do not have a profile, when they click on the profile page link they should be directed to the account creation page.
- ➔ Given that the user has changed any personal information they wished to change, when they hit the “save/update” button their information should be updated in the database.

User Story #3

As a user, I would like to find and view movie information on the pages of the website

#	Task Description	Estimated Time	Owner
1.	Implement search ability.	4 hrs	Matt
2.	Access the information from IMDB's api	3 hrs	Terik
3.	Grab the information and display it to the user	3 hrs	Caleb
4.	Update movie page to handle any information from the api	5 hrs	Justin
5.	Update the search page to be dynamic.	5 hrs	Corbin

Acceptance Criteria:

- ➔ Given that a user enters a movie into the search bar, a list of possible results should be displayed.
- ➔ Given that a specific movie has been searched, the movie page should display the information about that movie.
- ➔ Given that a user has made a search, a call to IMDB's api should be made.
- ➔ Given that a user enters an invalid search information, no results should be displayed.

Remaining Backlog

Functional Requirements

1. As a user, I would like to be able to create an account. (UserStory1)
2. As a user, I would like to be able to log in and out of my account. (UserStory2)
3. As a user, I would like to be able to change my profile picture. (UserStory2)
4. As a user, I would like to be able to view top ten lists of movies.
5. As a user, I would like to be able to view top ten lists of actors.
6. As a user, I want to see which movies are most popular for the current week.
7. As a user, I would like to be able to change my account information. (UserStory2)
8. As a user, I would like to be able to add others' accounts as friends.
9. As a user, I would like to be able to view my list of friends.
10. As a user, I would like to be able to view my profile page, and friends' profile pages. (UserStory3)
11. As a user, I would like to be able to post movie reviews and my rating of that movie.
12. As a user, I would like to be able to make a list of movies that I can post.
13. As a user, I would like to be able to comment on others' movie reviews and rating.
14. As a user, I would like to be able to 'like' a post made by a user.
15. As a user, I would like to be able to view highest rated movies among critics.
16. As a user, I would like to be able to view lowest rated movies among critics.
17. As a user, I would like to be able to view lowest rated movies among friends, and other website users.
18. As a user, I would like to be able to search for a movie and view information about that movie, such as genre, actors, director, writers, producers, links to trailers, award nominations, and awards. (UserStory3)
19. As a user, I would like to be able to see what movies are popular of all time.
20. As a user, I would like to be able to see what movies are popular currently.
21. As a user, I would like to be able to view movie awards.
22. As a user, I would like to be able to view highest rated movies among friends, and other website users.
23. As an independent film producer, I want my new projects to be featured on the website.

Non-Functional Requirements

1. Use IMDB's API.
2. Application needs to use PostgreSQL
3. Program in Python, Javascript, and Bootstrap
4. Server needs to support multiple concurrent users
5. Create average movie rating from weighted average between rating systems