Sprint 1 Planning Document

Team 3 (ProjectTitle)

Matthew Morris, Terik Brunson, Justin Hershberger, Caleb Yearsley, Corbin Cutler

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 Overview

For our initial sprint, we are going to focus solely on the user-interface part of the product. By the end of this sprint, a user will be able to access our product on web and create an account. He or she will be able to create 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 have the ability to browse through the different pages of the website.

**Scrum Master:** Matthew Morris

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

**Risks/Challenges:** Some team members are not yet familiar with the languages, frameworks or technologies we are using such as JavaScript, BootStrap, Python, and PostgreSQL. For this first sprint, a lot of work will have to be done to get certain team members up to speed so that they can contribute effectively. Additionally, this is the first time that some of the team members have worked together so work will have to be done to ensure we are working efficiently.

Current Sprint Detail

**User Story #1**

As a user, I would like to create a profile on the web.

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Task Description** | **Estimated Time** | **Owner** |
| 1. | Set up back end server | 2 hrs | Caleb |
| 2. | Set up database | 3 hrs | Caleb |
| 3. | Implement functionality for account and profile creation on back end | 3 hrs | All |
| 4. | Set up web client and routes | 4 hrs | Matt |
| 5. | Set up web client templating | 6 hrs | Terik |
| 6. | Implement ability to create accounts on web client | 6 hrs | Justin |
| 7. | Implement ability to log in and maintain a session on web client | 4 hrs | Corbin |
| 8. | Organize application directories. | 2 hrs | All |

**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 update my profile page on the web.

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Task Description** | **Estimated Time** | **Owner** |
| 1. | Design profile data form | 3 hrs | Terik |
| 2. | Pull profile information from database and display it in the form | 6 hrs | Justin/Matt |
| 3. | Remove user from database if account is deleted | 5 hrs | Corbin |
| 4. | When profile information is saved, update the database for the user | 5 hrs | Caleb |

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 navigate the pages of the website

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Task Description** | **Estimated Time** | **Owner** |
| 1. | Design profile page | 6 hrs | Matt |
| 2. | Design home page | 6 hrs | Terik |
| 3. | Design navigation bar | 6 hrs | Caleb |
| 4. | Design movie page | 6 hrs | Justin |
| 5. | Implement ability to navigate through the pages | 6 hrs | Corbin |

Acceptance Criteria:

➔ Given that a registered or unregistered user accesses the home page of the website, he or she should be able to click on the links to the different pages.

➔ Given that a user has clicked on a link to another page of the site, the new page should replace the current page as what the user currently sees.

➔ Given that a user has registered an account, when he or she navigates to the profile page they should see their personal information.

➔ Given that a user has not yet registered an account, when he or she navigates to the profile page they should be redirected to the account creation page.

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.

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 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.

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. Use RottenTomatoes API

6. Create average movie rating from weighted average between rating systems