

# **Appendix I**

## **Rubrics and checklist for Part 1 Milestone 3 review: Project Status and UI Review**

**Section: 01      Team: 02      Date: 11/06/23**

**Number of students present: 5**

### **1. UI and functionality feedback (P1 functions only)**

- KEEP GOING is the new motto!

### **2. List of P1 features committed for delivery**

- Users can register for their Ensign account
- Users can log in securely for their Ensign account
- Users can search for movies
- Users can search for other user-generated lists
- Users can search for other users by typing their usernames

### **3. Project status**

- **Risks:**
  - Schedule Risks:
    - Delay in Front-End Development: We were one week behind on the front-end development schedule due to unforeseen complexities in implementing the user interface design using React.
    - Integration Milestone Approaching: The integration of the back-end and front-end was scheduled for the week before the deadline. Because of further delays in front-end development, it pushed this milestone out by 3 days,

affecting the overall project timeline.

- Teamwork Risks:

- Availability Issues: Team members have reported personal commitments as well as academic workloads from different classes that affected their availability. This impacted the tasks they were responsible for.
- Remote Work Challenges: With team members in different availability, synchronizing work and meetings has been a challenge, leading to potential miscommunications and delays.

- Technical Risks:

- Version Control Issues: Poor version control practices can lead to code conflicts or loss of work when multiple people work on the codebase simultaneously.
- Performance Bottlenecks: The application may experience slow performance under load, or certain functionalities may take an unacceptable amount of time to execute.
- Dependency on External Libraries or Frameworks: The project may rely on external libraries or frameworks that could become deprecated, lose support, or have breaking changes in new versions.
- Integration Difficulties: Integrating various components of the application (like the user interface, server-side logic, and database) may be more complex than anticipated.

- **Mitigation Plans:**

- For Schedule Risks:

- We increased the frequency of our project status meetings to daily stand-ups to better track progress and address delays promptly.

- For Teamwork Risks:
  - We are reassigning some of the tasks from the members with upcoming unavailability to others in the team to ensure continuity of work.
  - We have established fixed working hours where all team members overlap for at least 3 hours to handle synchronization issues.
- For Technical Risks:
  - Use a version control system and establish clear guidelines for branching and merging. Regularly commit changes and encourage frequent pull requests and code reviews.
  - Follow security best practices, such as using HTTPS, sanitizing user inputs, and implementing authentication and authorization measures. Regularly update libraries and frameworks to their latest secure versions.
  - Require that all code be well-documented. Also, maintain a project wiki or shared document with key information.
  - Our dedicated team will continue working on optimizing the current codebase and architecture to address the scalability concerns.