**Task Assignment & Roles**

**Project Team: Frontend Development Team**

**Team Composition:** 4 Frontend Developers

**Roles & Responsibilities**

**Frontend Developers (All Team Members)**

Each team member will collaboratively work on the frontend development of the project, ensuring efficient development and seamless integration of all components. The responsibilities include:

1. **UI Development & Component Design**
   * Implement responsive and interactive UI components using React.
   * Ensure consistency with the project’s design system and wireframes.
2. **State Management & API Integration**
   * Manage global state using Redux for efficient data handling.
   * Integrate third-party APIs (e.g., The Movie Database API) for fetching movie data.
3. **Feature Implementation**
   * Develop key features such as search, filtering, sorting, and pagination.
   * Optimize UI/UX for better user interaction and performance.
4. **Code Quality & Testing**
   * Write clean, maintainable, and modular code following best practices.
   * Conduct unit testing using Jest to ensure component reliability.
5. **Performance Optimization & Bug Fixing**
   * Optimize app performance for smooth user experience.
   * Debug and resolve UI/functional issues as they arise.
6. **Deployment & Documentation**
   * Deploy the project on a hosting platform (e.g., Netlify, Vercel).
   * Document key aspects of the project, including setup instructions and feature implementation details.

**Collaboration & Communication**

* Regular team meetings to discuss progress, challenges, and improvements.
* Use version control (Git/GitHub) for collaborative development and code reviews.
* Utilize project management tools (e.g., Trello, Jira) for task tracking and assignment.

This document ensures clarity in task distribution and collaboration within the frontend development team.