**Project Proposal : Movie Recommendation Website**

**1. Project Name:** Movie Recommendation Website

**2. Problem/Opportunity:**

* Addresses the need for personalized movie recommendations.
* Provides a user-friendly platform with real-time data integration.

**3. Goals and Objectives:**

* Help users easily discover movies based on their preferences.
* Save users time in finding suitable movies.
* Enhance the user's entertainment experience.

**4. Key Deliverables:**

* Fully functional movie recommendation website.
* Personalized movie suggestions.
* Search and filter features.
* User feedback integration.
* Mobile responsiveness.
* Comprehensive project documentation.
* Thorough testing.

**5. Target Audience/Beneficiaries:**

* Movie enthusiasts.
* Casual viewers.
* Individuals struggling to find movies.
* Users seeking personalized and efficient movie discovery.

**6. Estimated Timeline:**

* 8-10 weeks.
* Key phases: Planning, design, development, testing, and deployment.
* Major milestones: API integration, core feature building, cross-device functionality.

**7. Estimated Resources:**

* Team: 5 React frontend developers.
* Budget: $0 (relying on free resources).
* Resources: Open-source APIs, free-tier hosting, collaboration tools.
* Equipment: Personal laptops, development software, free project management tools.

**8. Potential Benefits and Impacts:**

* Enhanced user experience with personalized recommendations.
* Increased user engagement.
* Accessibility across devices.
* Scalability potential.
* Empowered user movie discovery process.

**9. Constraints and Limitations:**

* API usage limits.
* Data accuracy issues.
* Limited personalization capabilities.
* Reliance on free resources.
* Potential scalability challenges due to the $0 budget.