**Title Cover Page**: Anime Recommendation System Design, 01/08/2024, Rynasia Pettiford; Christopher Cunningham, SYSTEM DESIGN and CSC272

**Individual Project Title**: The Anime Recommendation Application

**Individual Project Objectives**:

The Anime Recommendation application aims to provide users with personalized anime recommendations through a user-friendly web application. Users, specifically anime enthusiasts, can access the application via a provided web link. Upon accessing the site, the application leverages recommendation algorithms to suggest anime titles based on user preferences, creating a dynamic and enjoyable anime-watching experience.

**Project Team members**: (Customers, Developers, and Users)

Customers: Anime Enthusiasts

Developers: Rynasia Pettiford

Users: Anime Viewers

Project Manager: Christopher Cunningham

**Individual Project Deliverables**:

Functional Requirements:

1. The Anime Recommendation System is a web application accessible at any time, providing real-time personalized recommendations.
2. Access to this system is open to all anime enthusiasts.
3. Users can set preferences for genres, ratings, and viewing history to tailor recommendations.
4. Users can bookmark and add anime to their watchlist for future reference.

**Project Supporting Resources**:

* Estimated budget cost: $10,000
* Database creation: Required for storing user preferences and anime information.

Risks and Constraints:

* Dependency on accurate anime metadata for effective recommendations.
* Privacy concerns regarding user preferences need to be addressed

**Individual Project Schedule**:

Estimated time effort needed for completion.

Project Progress Report – Week 2

Anime Recommendation

**Brief evaluation of the achievements measured against the Project activities, tasks, and outputs/outcomes as set out in the Project Plan**

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| --- | --- | --- | --- | --- | --- |
| **Activity** | **Tasks** | **Start date** | **Time Spent (minutes)** | **Status**  **Completed/**  **In Progress** | **Comments** |
| Requirements Analysis | Gather requirements from users | 01/08/2024 | 60 | Completed | User Preferences documented. |
| Design | Create UI/UX wireframes | 01/08/2024 | 45 | In Progress |  |
| Coding |  |  |  |  |  |
| Testing |  |  |  |  |  |
| Deployment |  |  |  |  |  |
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**Barriers (if any) encountered/risks addressed in conducting the project.**

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| **Barrier Encountered/Risk** | **What you attempted** | **Outcome** |
| Anime Metadata Accuracy | Ensured use of reliable anime databases | Reliable data sources identified |
| Privacy Concerns | Implemented secure storage of user preferences | Privacy measures in progress |
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**Overall Progress Summary**

In two or three paragraphs, summarize this week’s progress of the project.

This week, the Anime Recommendation Application project made significant strides. We successfully gathered user preferences, shaping the foundation of our recommendation system. The design phase is underway, with UI/UX wireframes in progress for an appealing and user-friendly interface. Challenges, such as ensuring accurate anime metadata and addressing privacy concerns, were identified and are being actively managed. Looking ahead, we're set to continue the design phase, laying the groundwork for coding, testing, and deployment. Overall, the project is on track to deliver a high-quality Anime Recommendation Application.

Project Progress Report – Week 3

Anime Reccomendation

**Brief evaluation of the achievements measured against the Project activities, tasks, and outputs/outcomes as set out in the Project Plan**

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| **Activity** | **Tasks** | **Start date** | **Time Spent (minutes)** | **Status**  **Completed/**  **In Progress** | **Comments** |
| Requirements Analysis | Reviewed and refined user preferences | 01/21/2024 | 60 | Completed | Conducted user feedback sessions to validate and fine-tune initial preferences. Identified additional parameters for enhanced personalization. |
| Design | Continued UI/UX wireframing, incorporating user feedback. | 01/21/2024 | 45 | In Progress | Iterated on wireframes based on user input, focusing on creating an intuitive and visually appealing interface. Collaboration with developers for input on technical feasibility. |
| Coding | No coding initiated |  |  |  |  |
| Testing | No testing initiated |  |  |  |  |
| Deployment | No deployment initiated. |  |  |  |  |
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**Barriers (if any) encountered/risks addressed in conducting the project.**

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| **Barrier Encountered/Risk** | **What you attempted** | **Outcome** |
| Anime Metadata Accuracy | Utilized reliable anime databases to improve data accuracy. | Identified and implemented the use of trustworthy data sources, enhancing the reliability of the recommendation engine. |
| Privacy concerns | Advanced the implementation of secure storage for user preferences. Conducted a risk assessment to identify potential vulnerabilities and implemented additional safeguards. | Privacy measures are in progress, with ongoing efforts to enhance security and address potential vulnerabilities in the storage of user data. |
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**Overall Progress Summary**

In two or three paragraphs, summarize this week’s progress of the project.

In Week 3, the project has made more progression refining user requirements and incorporating valuable feedback. The Requirements Analysis phase is progressing well, with a focus on delivering a comprehensive understanding of user preferences. Design activities are moving forward, with an emphasis on creating an engaging and user-friendly interface. Ongoing efforts to address barriers and risks ensure the project remains on track for successful completion. The collaborative approach between the project manager, developer, and potential users contributes to a robust and well-informed development process.

Project Progress Report – Week 4

Anime Recommendation Application

**Brief evaluation of the achievements measured against the Project activities, tasks, and outputs/outcomes as set out in the Project Plan**

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| **Activity** | **Tasks** | **Start date** | **Time Spent (minutes)** | **Status**  **Completed/**  **In Progress** | **Comments** |
| Requirements Analysis | Review and finalize user requirements | 01/28/2024 | 90 | In Progress | Gathering additional feedback from potential users to refine and finalize requirements. |
| Design | Finalize UI/UX wireframes based on user input | 01/28/2024 | 60 | In Progress | Incorporating feedback into the design to ensure an intuitive and visually appealing interface. |
| Coding | Begin initial coding based on finalized design | 01/28/2024 | 30 | Not Started | Initial coding activities are scheduled to commence in the coming week. |
| Testing | Develop testing plan and scenarios | 01/28/2024 | 15 | Not Started | Planning phase for testing activities |
| Deployment | Prepare deployment plan | 01/28/2024 | 15 | Not Started | Preliminary planning for the deployment phase. |
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**Barriers (if any) encountered/risks addressed in conducting the project.**

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| **Barrier Encountered/Risk** | **What you attempted** | **Outcome** |
| Technical Challenges in Initial Coding | Initiate coding based on finalized design | Ongoing: Technical challenges in the initial coding phase are being addressed, and the coding activities are set to commence in the coming week. |
| User Feedback Gathering for Finalizing Requirements | Gathering additional feedback from potential users to refine and finalize requirements | In Progress: The team is actively gathering user feedback to ensure comprehensive and refined user requirements for the finalization phase. |
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**Overall Progress Summary**

In two or three paragraphs, summarize this week’s progress of the project.

In Week 4, the project encountered technical challenges during the initiation of the coding phase. The team is actively addressing these challenges to ensure a smooth transition into the coding activities, which are scheduled to commence in the upcoming week. Additionally, ongoing efforts are being made to gather user feedback for the finalization of requirements. This collaborative approach with potential users ensures that the project remains aligned with user expectations and needs.

The Requirements Analysis phase is going well, with the team dedicating time to gather additional feedback to refine and finalize user requirements. Design activities are focused on incorporating user input into UI/UX wireframes to ensure an intuitive and visually appealing interface. While coding activities are yet to begin, the proactive approach to addressing technical challenges and gathering user feedback positions the project for successful development in the upcoming weeks.

Project Progress Report – Week 5

Anime Recommendation Application

**Brief evaluation of the achievements measured against the Project activities, tasks, and outputs/outcomes as set out in the Project Plan**

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| **Activity** | **Tasks** | **Start date** | **Time Spent (minutes)** | **Status**  **Completed/**  **In Progress** | **Comments** |
| Requirements Analysis | Refinement of user preferences | 02/04/2024 | 60 | Completed |  |
| Design | Create design flow charts | 02/04/2024 | 45 | Completed |  |
| Coding | Begin initial coding based on finalized design | 02/04/2024 | 120 | In Progress |  |
| Testing | Develop testing plan and scenarios | 02/04/2024 | 45 | In Progress |  |
| Deployment | Prepare deployment plan | 02/04/2024 | 80 | In Progress |  |
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**Barriers (if any) encountered/risks addressed in conducting the project.**

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| **Barrier Encountered/Risk** | **What you attempted** | **Outcome** |
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**Overall Progress Summary**

In two or three paragraphs, summarize this week’s progress of the project.

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Week 5 showcased sustained progress in refining user preferences and designing critical components. The Requirements Analysis phase continued its focus on user preferences, ensuring a comprehensive understanding for further development. Design activities centered around the creation of design flow charts, contributing to an intuitive and visually appealing interface. While coding, testing, and deployment tasks are yet to begin, the absence of encountered barriers and the ongoing progression in planned activities indicate a proactive and well-managed project.

The collaborative approach with potential users ensures the project remains aligned with user expectations and needs. As the team moves forward, the groundwork laid in the initial weeks positions the project for successful development in the upcoming phases of coding, testing, and deployment. The team is prepared to address potential challenges and gather user feedback actively, ensuring the project stays on course for delivering a high-quality Anime Recommendation Application. |

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