Sprint Review (Retrospective) Meeting

2/12/2024 – 15/12/2024

Group ID: **02**
Project Name: Beatify
Prepared by: **Trần Trung Hiếu**

Date: 14/12/2024
Attendees:
22127152 – **Lê Gia Huy**
22127114 – **Phạm Hà Hiếu**
22127115 – **Trần Trung Hiếu**
22127203 – **Võ Ngọc Khoa**
22127031 – **Nguyễn Duy Bảo**

Sprint Outcomes

1. What Went Well

- Successfully refined and expanded features like premium subscriptions, playback speed controls, and payment functionality, enhancing the overall user experience.
- Integrated Stripe payment gateway effectively, enabling seamless subscription management.
- Improved UI elements such as the Recent Page, Artist, and Playlist sections, making the interface more intuitive and visually appealing.
- Advanced AI-driven song recommendation system development, laying a solid foundation for personalized suggestions.
- Completed end-to-end testing for major features, ensuring stability and reliability.

2. What Went Wrong

- Initial recommendation algorithm produced inaccurate suggestions due to incomplete user data, requiring significant debugging and refinement efforts.
- Playback speed feature presented challenges in maintaining stability, necessitating additional time for testing and adjustment.

3. Problem Analysis

- Incomplete user data in the recommendation engine caused inaccuracies in song suggestions, highlighting the need for a more robust data collection and processing strategy.
- Limited initial testing for playback features led to delayed discovery of stability issues, affecting the timeline for other tasks.

4. Improvements

- Conduct comprehensive testing earlier in the development process to identify and address issues sooner.
- Enhance the data pipeline for the recommendation engine to improve accuracy and reliability.
- Allocate more time and resources to stabilize playback speed functionality, ensuring seamless performance across different devices.

5. Lessons Learned

- Thorough planning and iterative testing are critical for complex features like recommendation systems and playback controls.
- A well-structured data pipeline is vital for ensuring the reliability of AI-driven features.
- Regular testing cycles and team-wide reviews can minimize technical debt and improve overall efficiency.