

Weekly Report

18/11/2024 – 24/11/2024

Group ID: **02**

Project Name: Beatify

Prepared by: **Võ Ngọc Khoa**

Date: 18/11/2024

Attendees:

22127152 – **Lê Gia Huy**

22127114 – **Phạm Hà Hiếu**

22127115 – **Trần Trung Hiếu**

22127203 – **Võ Ngọc Khoa**

22127031 – **Nguyễn Duy Bảo**

1. Achievements Since Last Week

We focused on developing playlist and subscription management features, completing the backend for the "like" feature, configuring song recommendations based on user preferences, fixing layout errors on the Artist and Playlist pages, and enhancing the player context with smooth "previous," "next," and "shuffle" functionality.

STT	Description	Due Date	Responsibility	% Complete
1	Developed the playlist and subscription management features for users.	22/11/2024	Võ Ngọc Khoa	100%
2	Setting up and complete the backend for like feature and playlist	22/11/2024	Trần Trung Hiếu	100%
3	Configuring song recommendations based on users' liked songs.	22/11/2024	Phạm Hà Hiếu	100%
4	Finishing and fixing the layout error for the Artist page and Playlist page.	22/11/2024	Nguyễn Duy Bảo	100%
5	Developed the player context management feature, enabling smooth functionality for "previous," "next," and "shuffle" options.	22/11/2024	Lê Gia Huy	100%

2. Issues and impacts

- Song Recommendation Accuracy Challenges
 - **Issue:** The initial implementation of the recommendation system produced inaccurate song suggestions, which did not align with user preferences.
 - **Impact:** The inaccuracies delayed testing and required additional time to debug and improve the recommendation algorithm.
- Playlist Creation Bug
 - **Issue:** A critical bug in the playlist creation feature caused subscription details to fail during saving operations.
 - **Impact:** This issue disrupted the development timeline, as significant resources had to be allocated to investigate and resolve the bug.

3. Next week's goals:

Building on our current progress, next week's focus will be on finalizing the User page interface design, building backend functionalities for managing user playlists, improving the song recommendation algorithm and integrating it with the frontend, completing and polishing UI layouts for the Artist and Playlist pages, and developing and integrating the "like song" feature for the frontend.

STT	Description	Due Date	Responsibility
1	<ul style="list-style-type: none">- Design and finalize the User page interface.- PA3: Software Architecture Document - Architectural Goals and Constraints, Component: Controller	29/11/2024	Võ Ngọc Khoa
2	<ul style="list-style-type: none">- Build backend functionalities for managing user playlists.- PA3: Software Architecture Document - Introduction, Component: Route	29/11/2024	Trần Trung Hiếu

3	<ul style="list-style-type: none"> - Improve the song recommendation algorithm and integrate with the frontend. - PA3: Software Architecture Document - Introduction, Component: View 	29/11/2024	Phạm Hà Hiếu
4	<ul style="list-style-type: none"> - Complete and polish UI layouts for Artist and Playlist pages. - PA3: Software Architecture Document - Introduction, Component: Model 	29/11/2024	Nguyễn Duy Bảo
5	<ul style="list-style-type: none"> - Develop and integrate the "like song" feature for frontend. - PA3: Software Architecture Document - Architectural Goals and Constraints, Logic View: Architecture Diagram 	29/11/2024	Lê Gia Huy

Weekly Report

25/11/2024 – 1/12/2024

Group ID: **02**

Project Name: Beatify

Prepared by: **Võ Ngọc Khoa**

Date: 25/11/2024

Attendees:

22127152 – **Lê Gia Huy**

22127114 – **Phạm Hà Hiếu**

22127115 – **Trần Trung Hiếu**

22127203 – **Võ Ngọc Khoa**

22127031 – **Nguyễn Duy Bảo**

4. Achievements Since Last Week

Design and finalize the User page interface. Build backend functionalities for managing user playlists. Improve the song recommendation algorithm and integrate with the frontend. Complete and polish UI layouts for Artist and Playlist pages. Develop and integrate the "like song" feature for frontend.

STT	Description	Due Date	Responsibility	% Complete
1	<ul style="list-style-type: none"> - Design and finalize the User page interface. - PA3: Software Architecture Document - Architectural Goals and Constraints, Component: Controller 	29/11/2024	Võ Ngọc Khoa	100%
2	<ul style="list-style-type: none"> - Build backend functionalities for managing user playlists. - PA3: Software Architecture Document - Introduction, Component: Route 	27/11/2024	Trần Trung Hiếu	100%
3	<ul style="list-style-type: none"> - Improve the song recommendation algorithm and integrate with the frontend. - PA3: Software Architecture Document - Introduction, Component: View 	28/11/2024	Phạm Hà Hiếu	100%
4	<ul style="list-style-type: none"> - Complete and polish UI layouts for Artist and Playlist pages. - PA3: Software Architecture Document - Introduction, Component: Model 	29/11/2024	Nguyễn Duy Bảo	100%
5	<ul style="list-style-type: none"> - Develop and integrate the "like song" feature for frontend. - PA3: Software Architecture Document - Architectural Goals and Constraints, Logic View: Architecture Diagram 	27/11/2024	Lê Gia Huy	100%

5. Issues and impacts

- "Like Song" Feature for Frontend
 - **Issue:** The integration of the "like song" feature on the frontend may encounter difficulties in synchronizing the UI with the backend, especially with real-time updates.
 - **Impact:** This could cause delays in the user interaction experience, as the frontend needs to properly reflect changes made on the backend, leading to potential lag or inconsistency in data display.
- User Page Interface Design
 - **Issue:** The complexity of user interface components for the User page may lead to inconsistencies in the design across devices and screen sizes.

- **Impact:** This might delay the finalization of the design, as adjustments and testing will be required to ensure responsiveness and visual consistency across all platforms

6. Next week's goals:

For the upcoming week, we will focus on integrating Stripe for payment processing, implementing playback speed controls, continuing to refine the subscription premium feature, and customizing the equalizer for the app. Each task will be distributed to ensure progress across both frontend and backend development.

STT	Description	Due Date	Responsibility
1	Continue refining and completing the premium subscription functionality.	06/12/2024	Võ Ngọc Khoa
2	Integrate Stripe payment gateway for subscription handling.	06/12/2024	Trần Trung Hiếu
3	Customize and finalize the equalizer settings for better audio control.	06/12/2024	Phạm Hà Hiếu
4	Implement playback speed controls for the player.	06/12/2024	Nguyễn Duy Bảo
5	Ensure backend support for subscription, playback speed, and payment features.	06/12/2024	Lê Gia Huy

