

**Iteration Plan 2****Project**

Indie Fusion

**Team Names:**

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**Team Number:**

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1. What deliverables did the team plan to complete by the end of the iteration? Refer to your Project Plan submitted in

Sr no	Description	Responsibility (Initials)	Project Plan adherence?
1	Design and create wireframes for Artist Profile Page to establish a visual guide for development.	TM,NJ	Yes
2	Design and create wireframes for Landing/Home Page to establish a visual guide for development.	TM,NJ	Yes
3	Implement the core functionality for the Artist Profile Page using React, ensuring users can easily interact with their profiles.	TM, NJ	Yes
4	Develop and deploy backend APIs utilizing Node.js to facilitate user profile creation and data management.	SK	Yes
5	Establish MongoDB tables specifically designed for the efficient storage of artist profile data.	SK	Yes
6	Perform manual testing on the profile creation functionality to verify that all features are working.	All	Yes
7	Build and implement functionality for users to edit their profiles using React, allowing for a seamless user experience.	TM	Yes
8	Create a user-friendly interface for the Edit Profile feature using React, ensuring intuitive navigation and accessibility.	TM, NJ	Yes
9	Develop backend APIs to support the editing of user profiles, allowing for smooth data updates in the database.	SK	Yes
10	Set up MongoDB tables that accommodate the necessary updates for artist profiles, maintaining consistency with previous data.	SK	Yes

11	Conduct manual testing to confirm that the editing functionality works correctly, ensuring users can modify their profiles without issues.	All	Yes
12	Build functionality for post creation using React, enabling users to share content on the platform.	TM, NJ	Yes
13	Create backend APIs using Node.js to manage the creation of posts, ensuring that data is processed and stored securely.	SK	Yes
14	Set up MongoDB collections specifically for storing posts details.	SK	Yes
15	Perform manual testing of the post creation feature to ensure that users can successfully create posts without errors.	All	Yes
16	Design a wireframe for the Landing/Home Page, creating a blueprint for the layout and essential features.	NJ	Yes
17	Develop the user interface for the Landing/Home Page using React, incorporating design elements that enhance user engagement.	NJ, TM	Yes
18	Create backend APIs to support the functionality of the Landing/Home Page, ensuring dynamic content delivery and user interactions.	SK	Yes
19	Execute manual tests to validate the functionality of the Landing/Home Page, ensuring all elements work seamlessly together.	All	Yes
20	Integrate the frontend and backend systems for the Profile Creation feature, guaranteeing smooth user experience and data flow.	SK	Yes
21	Integrate frontend and backend systems for the Post Creation feature to ensure a cohesive experience for users when sharing content.	SK	Yes

2. Did the team identify the architecture (hardware/software/platform/solution design) early? Was there a architecture owner assigned?

List of architecture being used	Concerns (current and potential)	Owner Assigned (Initials)
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Frontend: React	<b>Current Concern:</b> Performance issues may raise with complex component states and re-renders. <b>Potential Concern:</b> Difficulty in maintaining across multiple components as the application grows.	All
Backend: Node.js and Express	Potential security risks with API endpoints.	All
Database: MongoDB (Atlas)	<b>Current Concern:</b> Schema design can lead to data inconsistency if not carefully planned. <b>Potential Concern:</b> Might be challenging for data retrieval performance for large datasets when application grows.	All

3. Is your team still using the tracking software for your project? Are there any significant timeline changes to your project?

Tracking Software	Progress & Updates
GitHub	Repository for version control. Code updates are being pushed regularly.
Microsoft Project Planner	Useful for project scheduling and Gantt charts.
Jira	Jira is helpful for tracking issues, managing agile projects, and promoting teamwork with its customizable workflows and reporting features.

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