Iteration Plan 3

Project   Indie Fusion

Team Names: Sruthi Kamisetti, Twinkle Mishra, Naina Jagiasi

Team Number: 1

Number	Description	Responsibility (Initials)	Project Plan adherence?
1	Design and create wireframes for Artist Search and Collaboration Requests pages.	TM	Yes
2	Develop the toggle availability functionality (Yes/No) for artist's profiles, allowing them to set collaboration status.	NJ	Yes
3	Implement location based artist search filter for users to search artists by location.	NJ	Yes
4	Create and develop backend APIs to manage availability status and filter searches for artists based on location.	SK	Yes
5	Build the Collaboration Request feature for artists, allowing them to send, accept, and reject requests.	NJ	Yes
6	Design the Collab Requests List Page, displaying received requests with options to accept or reject.	TM	Yes
7	Develop APIs for collaboration management and list retrieval to support collab request processing.	SK	Yes
8	Enhance side navigation bar by adding sections for search, collaboration, notifications and requests.	SK	Yes
9	Implement notification system to inform artists of all types of requests, using Node.js and MongoDB.	SK	Yes
10	Develop an artist individual collaborator list, displaying a group or individual collaborator list with options for management.	NJ	Yes
11	Integrate frontend and backend for collaboration and search features, ensuring smooth data flow and usability.	SK	Yes
12	Perform manual testing on all new features, including availability toggle, search, and collaboration.	All	Yes

List of architecture being used	Concerns (current and potential)	Owner Assigned (Initials)
Frontend: React	**Current:** Optimizing performance to enhance user experience, particularly with complex component states and re-renders.	All
	Potential: As the application grows, establishing clear component structures will facilitate easier maintenance and scalability.	
Backend: Node.js and Express	**Potential:** Enhancing security measures for API endpoints will ensure a robust and secure application, paving the way for reliable user interactions.	All
Database: MongoDB (Atlas)	**Current :** Careful planning of schema design will promote data consistency and integrity.	All
	Potential: As the application expands, implementing effective strategies for data retrieval will enhance performance even with larger datasets.	

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.