

## Ideation Phase

### Brainstorm & Idea Prioritization Template

|               |                 |
|---------------|-----------------|
| Date          | 17/04/2025      |
| Team ID       | SWTID1744376795 |
| Project Name  | Tune Trails     |
| Maximum Marks | 5 Marks         |

#### Step-1: Team Gathering, Collaboration and Select the Problem Statement

- Our team connected through **online meetings (Google Meet/Zoom)** to initiate discussions.
- We used **WhatsApp and Google Docs** for continuous collaboration and idea sharing.
- Each member pitched **4 project ideas**, which were compiled in a brainstorming chart.
- We evaluated ideas based on **feasibility, technical stack, and user impact**.
- After discussion, we finalized **“Tune Trails”** as our problem statement.
- The idea was chosen for its **real-world relevance, scalability, and scope for innovation** using the MERN stack.

## Step-2: Brainstorm, Idea Listing and Grouping

|   |   |
|---|---|
| <b>Viraj</b><br><br>Handled backend authentication using JWT, structured the MongoDB schema, and created admin-specific routes. | <b>Prathamesh</b><br><br>Designed and implemented the UI/UX for login screens and responsive layout, including trending music carousel. |
| <b>Aniket</b><br><br>Built core music recommendation features based on genre and tags, and enabled tracking of user favorites.  | <b>Darpan</b><br><br>Implemented visual themes (dark/light mode), interactive UI animations, and a consistent color scheme.             |

## Step-3: Idea Prioritization

