Product Specification Document (PSD)
Product Name: Voyage
Version: 1.0

1. Product Overview

Voyage is a social travel application that allows users to share travel experiences using images, descriptions, and background music. Guests can browse posts without logging in, while registered users can create posts and manage profiles.

2. User Roles

Guest User:
- View posts
- Listen to music

Registered User:
- Login and Logout
- Create posts
- Upload multiple images
- Add music to posts
- Like and comment on posts
- Manage profile

3. Core Features

- User authentication
- Guest browsing
- Post creation with multiple images
- Music playback per post (play/pause)
- Only one audio plays at a time
- Profile management

4. Functional Requirements

- Upload images
- Add descriptions
- Attach music
- Automatically stop previous music when new music plays
- Edit profile name and picture

5. Non-Functional Requirements

- Fast load times
- Secure authentication
- Scalable cloud storage
- User-friendly interface

6. Technology Stack

Frontend: Flutter
Backend: Firebase Authentication, Firestore
Media Storage: Cloudinary
Audio Playback: Just Audio

7. Future Enhancements

- Stories
- Messaging
- Offline support