Team member:

21127229	Dương Trường Bình(leader)	dtbinh21@clc.fitus.edu.vn
21127049	Trần Đức Hoàng	tdhoang21@clc.fitus.edu.vn
21127166	Nguyễn Tuấn Thanh	ntthanh21@clc..fitus.edu.vn
21127360	Phạm Văn Minh	pvminh21@clc.fitus.edu.vn
21127459	Nguyễn Thị Phương Trinh	ntptrinh21@clc.fitus.edu.vn

Introduction:

- **Idea:** An all-in-one music website for music enthusiasts, providing effortless listening, seamless sharing, convenient downloads, and personalized playlist curation.
- **Reason:**
  - The members of the group have a common interest in music.
  - There is a need for sharing music and favorite song playlists.
  - The desire for an enhanced, ad-free, and free music experience.
  - Inspire and unleash creativity for young amateur artists.
  - Promoting and showcasing aspiring talents to the public.

Target users:
- All individuals with a desire to listen to music.
- Users with essential experience using smartphones and computers (knowing how to use web browsers, how to sign up for an account ...)

Target environments:
- Web browser: Safari, Google Chrome, Microsoft Edge, Cốc Cốc...
- Language:
  - Back-end: Python (Django), SQL
  - Front-end: HTML, CSS (Tailwind CSS), JavaScript(ReactJS)

Key features:
- Browse and search for playlists and songs
- Play song
- View detailed information about playlists and songs
- Leaderboard (by likes, listens)
- Show the favorite songs and playlists of each account
- Show the listening history of each account
- Upload new playlists or songs
- Update existing playlists
- Delete playlists and songs
- Playlist and song recommendations
- Calculate and generate reports
- Sign in / Sign up
  - Update password
- User profile

Role	Authorities
Administrator	View clients (Full Name, DOB, Email, Phone) Add a song or a playlist to the website Ensure the leaderboard on the website is up-to-date Delete clients
User	View songs, playlists, artists, leaderboard Search for playlists, songs, artists Create / Edit / Delete their playlists Likes songs and playlists
Guest	View songs, playlists, leaderboards Search songs and playlists Play songs
Artist	Upload / Edit / Delete their songs and albums View their songs/playlists and leaderboard Search their songs/playlists