**Project name:** moodplaylist.com – music playlists for different moods/activities

**Team members:** Diaconu Ionut-Victor, Chivu George Daniel

**Project short description:**

moodplaylist is a website which offers free music playlists for users to listen to. The users can chose from a wide variety of premade playlists, based on their mood/activity (such as relaxing, meditating, studying, working out), or they can pick their favorite songs and make their own customized playlists. The website includes a voting system for the premade playlists(like/dislike) and a suggestion panel, from where users can recommend songs they might want to be included. This is all for a great feedback, so the administrators can manage and offer the best experience for the users, based on their own preferences.

**Profit model:** There are several ideas we want to approach about profit:

1. Implement premium users(paid accounts) which have several upgrades over the free user(such as unlimited customizable playlists)
2. Playlists creators(unique users) can share a sample of their customized playlists. Users can pay the creators to access the full playlists and a small fee of the transaction can be taken by the website (teacher’s idea)
3. Option for users to donate for paying the maintenance of the website

**Use case diagram:**



Login

Register

Recover password



Validate user identity

Enable 2 factor auth

user

admin

Manage playlists

Manage voting system integrity

Customize playlist

Upgrade account

Donate

**Navigation (URLs) structure:**

|  |  |
| --- | --- |
| URL | Description |
| / | Root |
| /{locale}/ | Language homepage |
| /{locale}/playlists/ | List of premade playlists |
| /{locale}/playlists/play/ | Current playing playlist |
| /{locale}/playlists/{playlistA}/ | Shows current songs from selected playlist |
| /{locale}/user/playlists/ | History of playlists for specific user(played/liked/customized) |
| /{locale}/user/customize/ | Menu for customizing playlist |
| /{locale}/contact/ | Contact page |
| /{locale}/about-us/ | About us page |
| /{locale}/upgrade/ | Upgrade to premium user account |
| /sitemap-xml/ | List of sitemaps |
| /{locale}/site-sitemap-xml/ | Sitemap for {locale} |
| /{locale}/Account/Login/ | User login page |
| /{locale}/Account/Register/ | User registration page |
| /{locale}/donate/ | Donations |
| /{locale}/playlists/rank | Menu for the ranking system(shows top most liked/disliked playlists) |
| /{locale}/contribution | Small page for “bragging” rights, top users based on:  – donations, voted playlists, suggested songs, created playlist |

**Activity diagram:**

Login

Register

Confirm email

Save extra user info

Confirm identity

Send address confirmation email

Access website-user

User

5.Manage playlists

1.Identifying admin

2.Verification data

3.Validate user identity

4.Keeping track of voting

Access

website

-admin

Administrator