

Capstone Project Creation and Setup

Step 1 – Project Ideas

Example Ideas:

1. **MoonWalk** – a futuristic online platform for people to plan journey to the moon. As it is for the future there are hotels to book and activities to take part in.
2. **RockTinder** – a social platform to help musicians find band members and organize jam sessions.

Chosen Idea:

MoonWalk – a futuristic online platform for people to plan journey to the moon. As it is for the future there are hotels to book and activities to take part in.

Step 2 – High-Level Overview

MoonWalk (modified according to the instructor's feedback) – a futuristic online platform for people to plan journey to the moon. As it is for the future there are hotels to book and activities to take part in.

High-Level Overview:

- **App Type:** Futuristic travel planning application for trips to the Moon. Web and/or mobile-based.
- **Target Audience:** Space tourists, astronauts in training, or enthusiasts planning lunar experiences.
- **Needs it satisfies:**
 1. **Trip to the moon** – Users can go to the trip to the moon.
 2. **Journey Planning** – Users can schedule their lunar trip, including departure, return, how many days they will stay, menu during this time, activities in which they take part.
 3. **Activity Scheduling** – Plan activities on the Moon such as moonwalks, experiments, sightseeing, or leisure events.
 4. **Menu** – Choose meals for the lunar trip

RockTinder – a social platform to help musicians find band members and organize jam sessions.

High-Level Overview:

- **App Type:** Social networking / matchmaking app for musicians.

- **Target Audience:** Musicians of all skill levels looking for band members, collaborators, or jam partners.
- **Needs it satisfies:**
 1. **User Profiles** – Musicians can create profiles specifying instruments, skill level, genres, and location.
 2. **Band Matching** – Algorithm suggests potential band members based on musical preferences, location, and availability.
 3. **Messaging & Collaboration Tools** – Built-in chat, event scheduling, and file sharing for music sheets, recordings, or demos.
- **Git Repositories:**
 - **For Back-End:** <https://github.com/BekaGigashvili/MoonWalk>
 - **For Front-End:** <https://github.com/BekaGigashvili/MoonWalk-Frontend>
- **Task Tracking:**
GitHub Projects board based