

Harmony

Project Plan Document

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Project Scope: The app is a communication platform with music. It'll gather data from your other music platforms (Spotify, Apple Music, Youtube Music) and match you with other people. The app will also show what people around you and your friends are listening. The app will NOT include users to be able to make their own playlists to listen to music.

Project Organization:

- ~ Ali Doğan Çamur
- ~ Ege Azca
- ~ Savaş Solak
- ~ Yankı Yağız Ozan

Objectives:

- ~ Our objectives would be firstly to make an app that is working the functionalities we want. In app map, an interactive chat, a profile for each user etc. After these functions we would want to create the UI of the app and implement these functions into the UI. Finally, we would test the app to check its performance.

Key Phases and Timeline:

- ~ 26 February – 2 March: This would be the general discussion of the applications build process and general foundation. Preparing project definition, project plan and requirements. And we would assign each member of the team tasks.
- ~ 3 March - 15 March: Between this time, we would start doing the general functions of the app and update our requirements with each step we take while we are developing. Our test team will test each func. After each commit to decide if its working or not.
- ~ 16 March – 30 March: In this final time, we would start with the app UI and implement the tested functions to the app. After each implementation we can test the app to check if it's functioning the way we want.

Resource Planning: we will need software dev. tools, hardware for testing, API cost, sponsor, ad cost/revenue.

Risk Management: The app should generate enough revenue with ads and in-app purchases to keep the development team working. We need to be careful with laws and regulations of each country and region. We need to be very careful about our apps in each country to keep it working in all regions. We must have a secure system. Private user data shouldn't leak.

Communication Plan: After developing a code our development team will give the code to the test team to test the code. After testing each step will be present to the product owner. From there it'll be given to the shareholders to approve or disapprove the current work to start over or to continue to the next step.

Change Management Plan: If a change is required for the project, we must implement it smoothly and not disrupt other parts of the project. We can map out the sections of the code that might be affected by this change. A team or a person can be assigned to check the risky parts that can be affected through this change while also discussing it with the dev. team. After the change we can test if the entire system is working.

Budget Plan:

- ~ Planning Phase:
 - 20% of the budget
 - 4 team members

- ~ Design Process:
 - 20% of the budget
 - 3 team members

- ~ Development Process:
 - 40% of the budget
 - 4 team members

- ~ Testing Process:
 - 15% of the budget
 - 4 team members

- ~ Distribution and Maintenance Process:
 - 5% of the budget
 - 4 team members