

Harmony

Project Plan Document

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Effort Estimation For Each Phase: I used Parametric Estimation and I assumed that each 4 team members work approximately 6 hours per day and calculated person-days accordingly.

- ~ General discussion of the applications, build process and general foundation: 20 person-days.
- ~ Development of the general functions of the app and testing process: 52 person-days.
- ~ Development of the app UI and implementation of the tested functions: 60 person-days.

Estimated Effort Per Task:

- ~ Savaş Solak: Total of 28 days
 - Login Functionality: 6 days
 - Block and Reporting: 10 days
 - Compatibility Score Calculation: 9 days
 - Connection of inner systems: 3 days
- ~ Ege Azca: Total of 31 days
 - Map Functionality: 10 days
 - Account Customizability: 11 days
 - Song Filtering: 8 days
 - UI development: 2 days
- ~ Ali Doğan Çamur: Total of 28 days
 - Song Recognition: 8 days
 - Messaging: 14 days
 - Support to other tasks and testing: 6 days
- ~ Yankı Yağız Ozan: Total of 25 days
 - Show users nearby with similar music tastes: 12 days
 - Ability to link account with other platforms: 5 days
 - General Testing: 8 days

Total Project Effort:

- ~ Phase 1: 20 person-days
- ~ Phase 2: 52 person-days
- ~ Phase 3: 60 person-days

Total 132 person-days.