Project Scope:

Project Plan

Included: User location acquisition, weather API integration, activity recommendations,

Not Included: Advanced machine learning algorithms, social media integration, offline use and user authentication

Project Organization :

Developers: Backend and API ıntegration (Gülçe Çetinalp ,Şeyda Südüpak)

Developer :Frontend (Rana Balcı)

Developer : CI/CD responsable (Elif Tüfekçi)

Goals:

-Complete the project within the specified time.

-Minimize the error rate.

-Optimize the user experience.

Key Phases and Timeline (Gantt Chart):

Week 1: Requirements determination.

Week 2: Backend and API integration.

Week 3: UI development.

Week 4: CI/CD pipeline addition and final testing.

Resource Planning:

-GitHub (Kod Yönetimi)

-OpenWeatherMap API

-Java (Backend)

-HTML/CSS, JavaScript (Frontend)

Rısk Manegament:

Technical issues: Alternative API solutions will be investigated.

Delays: Buffer time will be left in the calendar.

Communication:

-Weekly team meetings.

-Instant messaging tools

Change Manegament Plan :

Requirement changes will be tracked on github

Budget Plan :

Free plans will be preferred for API usage,

Open source solutions will be used for development tools.