

ISTANBUL TECHNICAL UNIVERSITY Project Management in Engineering





Consulting Platform
Establishment

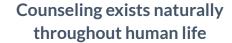
Selin Metin Doğu 2019-2020 Spring

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Counselling in History

















People try to find out someone where they can share their problems and comfortably



Consulting Platform









Support live meetings for two sides to reach each other easily





"a platform to bring experts and people who need counseling from experts."



Make appointment that suitable for all time zones



Project Goals Our Project Goals



Counselling at Any Time & Anywhere





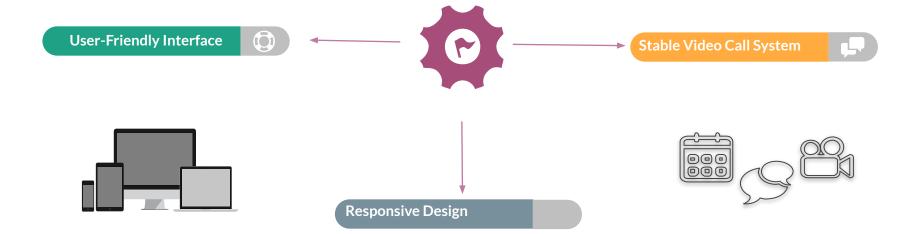


Mobile Applications



Worldwide Access







Project Management Approach

- Agile approach
- Sprint: 2 weeks periods



Technical Approach

For The Design Part

- Figma
- Adobe XD

For The Development Part

- Front-end: React
- Back-end: Python django framework
- Payment system: Stripe

Project Work Breakdown Structure for Consulting Platform Establishment

1.1 Planning

- 1.1.1 Work Breakdown Structure
- 1.1.2 Project Schedule
- 1.1.3 Risk Management
- 1.1.4 Quality Management

1.2 Execution and Control

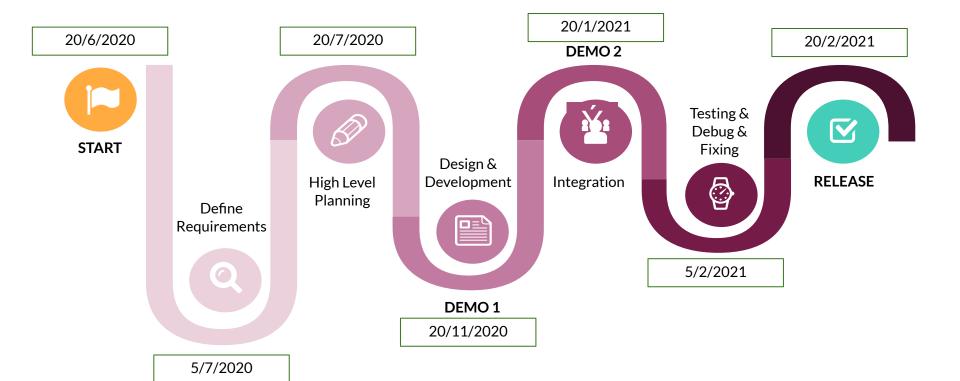
- 1.2.1 Design Interface
- 1.2.2 Development
 - 1.2.2.1 Web Development
 1.2.2.2 Android Development
 - 1.2.2.3 IOS Development
- 1.2.3 Integration of WebRTC Tech
- 1.2.4 Implementing Appointment Module
- 1.2.5 Implementing Evaluation Module
- 1.2.6 Testing

1.2.6.1 Client Testing / Public Beta

1.3 Closure

- 1.3.1 Meeting Closure
- 1.3.2 Documentation
- 1.3.3 Creating Closeout Report
- 1.3.4 Release the Project

Project Time Schedule



Project Resource Plan

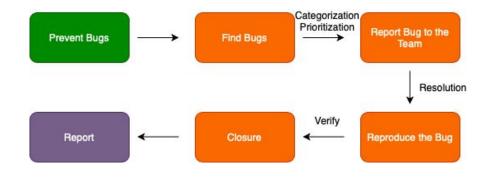
Project Phase	Task	Skills
All Phases	 Manages the project	 Project Managers
Requirements/ Analysis	 Declare functional requirements for the project	 IT Analysist
Development/ Design	 Design web and mobile applications	 UX/UI Designer
Development/ Design	 Codes frontend of the applications	 Frontend Developer
Development/ Design	 Codes backend of the applications	 Backend Developer
Development/ Design	 Develop mobile applications	 Mobile Application Developer
Testing	 Create test plan, test cases and testing	 QA Analysist

Defect Management Planning

Performance tests, error tests... will be carried out in detail,

- → on different devices
- → after completing each iteration.

IMPORTANT: Reducing the likelihood of an error as much as possible





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