

Coding for the Information System

- 1.1 Market Research
 - 1.1.1 Research on the Problem Statement
 - 1.1.2 Product Market Fit
 - 1.1.3 Customer Pain and Gain Points
 - 1.1.4 Survey to estimate number of restaurants, wedding halls and NGOs willing to use our App
 - 1.1.5 Analysis of the Survey
- 1.2 Planning & Gathering Requirements
 - 1.2.1 Cost-Benefit Analysis
 - 1.2.2 Hiring experts pertaining to the requirements of the product
 - 1.2.3 Developing a PRD (Product Requirement Document)
 - 1.2.4 Developing an SRS(Software Requirement Specification)
- 1.3 Design
 - 1.3.1 UI/UX Designing
 - 1.3.2 User Testing of UI/UX Testing
- 1.4 Development
 - 1.4.1 Back-end Development
 - 1.4.1.1 Creating back-end functionalities
 - 1.4.1.1.1 Adding back-end APIs
 - 1.4.1.1.2 Creating registration functionality for restaurants/NGOs
 - 1.4.1.1.3 Adding geo-coding to find nearby restaurants/NGOs
 - 1.4.1.1.4 Unit Testing of the functions
 - 1.4.1.2 Database Integration
 - 1.4.1.2.1 Back-end Testing of Database with the codebase
 - 1.4.2 Front-end Development
 - 1.4.2.1 Coding the UI Features
 - 1.4.2.1.1 Adding front-end APIs
 - 1.4.2.1.2 Adding user input/output prompts
 - 1.4.2.1.3 Creation of menus that would list all the NGOs/restaurants
 - 1.4.2.1.4 Unit Testing for all the features
- 1.5 Integration
 - 1.5.1 Integration of the Back-end with the Front-end
 - 1.5.2 Integration Testing
- 1.6 QA Testing
 - 1.6.1 Alpha Testing by the internal team

- 1.6.1.1 Testing all user stories
 - 1.6.2 Beta Testing
 - 1.6.2.1 Reaching out to our target audience and asking them to use the application.
- 1.7 Deployment
 - 1.7.1 App to available on play store/ App Store
 - 1.7.2 User Documentation
- 1.8 Marketing
 - 1.8.1 Devising Marketing Plan
 - 1.8.1.1 Marketing collateral
 - 1.8.1.1.1 Social Media Ads
 - 1.8.1.1.2 Reaching out to influencers
 - 1.8.1.1.3 Sending team representatives to NGOs and Food Vendors
- 1.9 Post GO Live Phase & Monitoring
 - 1.9.1 Getting feedback from NGOs and Food Vendors
 - 1.9.1.1 Conduct Surveys
 - 1.9.1.2 Field Visits
 - 1.9.2 Data Analysis
 - 1.9.2.1 Analyze Survey Data
 - 1.9.2.2 Generate Reports