# Zetrol Milestones Breakdown

## Specifications

- Mobile apps will be developed in Flutter which will support both iOS and Android
- Web admin panel will be developed using React JS/Next JS.
- Backend APIs will be developed using Node JS.
- Databases used for Authentication and other purposes will be Google Firebase / MongoDB.
- For storage we will use Cloudinary / Google Storage.
- Hosting for the panel will be done on Heroku.

## Milestones

### I.  Wireframes + Design + Prototype

In this first milestone we will begin with app wireframes. We will take 7 days for the wireframes of the app and then it will be shown to you..

Once wireframes are approved then in 7 days we will finish the app designs.

4 days will be kept for revisions + prototype.

**Budget:** $600

**Timeline:** 18 days

### II.  Coding Design in Flutter + App Architecture

In this milestone  we will start coding designs of apps we made in the last milestone. All constraint work will be done so by the end of this milestone we will have a running prototype running on Android and iOS.

Alongside this we will begin designing app architecture.

**Budget:** $700

**Timeline:** 7 days

### III.   Backend Development (Mobile App Side)

In this milestone we will start development of all APIs we will be using on the app side. All backend APIs regarding Cars owner, Drivers, Petrol stations and other entities on app side will be written and deployed and Postman collection with documentation will be delivered to you for testing.

**Budget:** $1450

**Timeline:** 20 days

### IV.   Backend Development (Main Admin Side + Shops Panel/Petrol station panel)

In this milestone we will start development of all APIs we will be using on the main admin and shops/petrol station admin side. All backend APIs will be done. Alongside this we will develop the front end of admin sides and connect the backend. Web apps will be deployed and will be tested.

**Budget:** $1450

**Timeline:** 20 days

### V.   API Integration on App Side

In this milestone we will start integration of all APIs on the app side. So all app work will be completed and uploaded to TestFlight and APK will be shared for testing

**Budget:** $1200

**Timeline:** 14 days

### VI.   Testing and App Deployment

In this milestone we will start QA and Testing of the app and panels. In the process of testing all revisions will be entertained and after successful testing the whole system will be deployed.

**Budget:** $450

**Timeline:** 10 days