Project Abstract

Goa Bus Navigator

September 17, 2017

1 Introduction

Goa is a Famous tourist destination. Hundreds of thousands of people come here every year to visit various historical and places of natural beauty. Locations like Panjim, Calangute, etc have thousands of new visitors every month. But there is rarely any site or app or any tool which can show ways, to visit any Location within Goa. Here in goa bus transport is the cheapest form of transport. Our aim is to create an app which is going to help people visit places within goa itself, by providing details about how they can reach from one place to another via bus.

2 Core-Team

- Abhishek Varghese
- Apurv Varshney
- Gaurav Ganna
- Shivam Pandey
- Jarnu Girdhar

3 Proposal

We aim to create an app which would guide the user the following and will be available on the play store. This app would guide a user to find the Bus and bus stop they would have to take to reach their destination. Its features would include "find bus stops near me" which would find the closest bus stop near the person and also would be able to direct him to the place he wants to reach in the shortest time possible. The app would be able to access the schedule of several buses and chose best possible bus and route.

4 Plan of Action

To achieve this goal we have divided it into following stages which we will try to achieve one by one.

1. Collecting Data about bus routes and stops from KTC

2. Building a team for data mining (Preferably from juniors)

3. Geting actual cordinates of each Bus stop in Goa by sending the data mining team to various location all across Goa

4. Intigrating the data into a website for the world to see

5. Advertising the app to other bus dealers to collect their data and schedule

6. Developing basic backbone of an app using KTC data

7. Intigrating google maps into the app

8. Intigrating the data of other dealers into the app

9. Advertising the app and putting it on play store

5 Aditional plans

1. To speed up the process of data mining, we will divide the data mining team into subteams, of 2-3, each of which will travel via different routes marking all the bus stops on the way. The routes would be decided such that maximum area would be covered during the day.

2. If we are not able to advertise othe project to other dealers, we will go to RTO office to get further details and inform other dealers about the project (As suggested by KTC General Manager Mr. S.L. Ghate)

6 Contact us

For any more details you can contact us via phone or email -

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