Object Oriented Software Engineering

Project Proposal

Transvice



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# Title

Transvice

# Elevator Pitch

We’re building a web application that is basically a transport service for JUW that provides pick and drop service to students from stops to JUW—it’s like SWVL.

# Problem

The reason why we are developing this web application for student is that the students waits for public transport and are not safe sometime.

# Introduction to Domain

We’re working in a domain that is well understood by broader audience.

# Solution

The students will given full service of transport, they will be picked up from their nearby stop and these students will be from whole city, and will drop them to University. Transvice provides them full security.

The solution includes the following steps:

# Architecture Overview

We’re building a web-application. It is a project for marketplace and providing basic customer needs.

# Features

Map, current location, nearby stop, driver’s contact number, bus number plate, number of seats remaining in a bus, select location where you want to go, cash/credit card, promos code.

# Wireframes

The interface includes the details of this transport services then the next page contain your phone number, and then confirmation code, at last it needs your emails for sending promo codes, discount offers, then a interface of map and current location will be developed in which you will be asked your about your destination, and will be shown nearby or overall city stops. After that you need to book your ride, as your seat will be reserved.

# User Stories

As a JUW student, I want a transport service that picks me from my nearby stop and drop me to university in less money, so that I can save my money and time.”

# Viability

# Hardware

Our project doesn’t depend on any special hardware as it is a web application.

# API’s

Our project doesn’t depend on any external API’s.

# Market Research

The market research depends on the following:

# Users

The problem that will bring user’s to our application is that less time for waiting for public transport, efficient and less costly. It is a very new and unique technology, secondly they are getting benefit of travelling with full luxuries and comfort. Things that are unique has great knowledge within people. We have access to them until they pay their ride before getting off from the bus.

# Competition

Swvl and Airlift are nearly, but transvice is different in this way that it will go stop by stop pick up passengers and drop them to JUW. But in Swvl and Airlift they pick passengers from stops and drop them to their desired stops.

# Roadmap

# Template