**P.E.C**

**Project Deliverable -01**

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**P.U.C.I.T**

**Vision:**

It is going to be an application that will provide the basic needs of repairing and cleaning to every household. PEC means Plumber electrician and cleaner.

The target audience of PEC are people who are introverts, don’t like to go out and search for workers themselves, or people who don’t have time to do the house chores themselves, or want cost-efficient and trustworthy workers. People who have limited income also come under the target audience of PEC.

Stakeholders include:

* Investors
* Suppliers
* Customers
* Workers
* Employees

P.E.C services will be provided to the users in a single touch. All that is need to be done by the user is just to select the required service, negotiate on the price with the agency manager through call and chat then the manager will dispatch an experienced and well-equipped Team of skilled workers in the required field.

The user will be able to track the team, and will know how long it will take them to arrive. This service will be achieved with the use of embedded maps in the app.

The workers will register themselves through the app and their interviews will be scheduled, the agency will then hire only skilled workers i.e., we will provide our customers with an experienced and well-equipped team of workers.

User Level Goals:

Customer can login, sign-up, request for workers and pay for the work

High level goals of PEC are the features of our application (will be mentioned ahead)

Features of PEC are that a customer can first sign-up on the application and then can book a worker for their house chores using our application and pay for the work using payment methods of our application.

**Supplementary Specification:**

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**Major requirements:**

**Feature List:**

* Registering
* Sign-in/Sign-up
* Booking
* Ability to identify workers location
* Point to point directions
* Price calculator
* Easy user interface
* Fare adjustments
* Push Notifications and SMS
* Easy payment options
* Scheduled Bookings
* Call and Chat
* Share ETA
* Let others follow the worker in real-time
* Selection of PEC
* Rating

**Glossary:**

ETA: Estimated Time of arrival

PEC: Plumber Electrician Cleaner

House Chore: Cleaning, electricity issues and plumbing issues

Cost-efficient: Cost is worthy of the work done i.e., saving money

Target-audience: People for whom the app is actually made

**Domain Rules:**

* Providing Customers with points on certain number of bookings which can then be used as discounts.
* Apply tax on every booking.

**Risk List:**

* Competition
* Increased prices of petrol
* Booking failure (from either side)
* Schedule booking couldn’t be met
* Bad User interface

**Feasibility:**

* Timeline
* Technical
* Operational
* Economic
* Financial

**Actors:**

* Manager
* Employee
* Customer
* Worker
* Investor
* Supplier
* Inter Banks
* Tax Calculator Company

**Goal:**

* It is going to be an application that will provide the basic needs of repairing and cleaning to every household.

**Use cases:**

**Package diagram:**

**Activity Diagram:**

**Activity Diagram with Swim Lane:**

**Business level use cases diagram:**

**Analysis level use cases diagram:**

**State Chart Diagram:**