



ACCIDENT TRACKERS APPLICATION



This project submitted to the Department of Computer Science at Umm Al-Qura University of the requirements of the degree of Bachelor of Computer Science .

Abstract

In Saudi Arabia, people who have car accidents are required to follow some procedures in order to claim a compensation from the car insurance company if car accident occurred.

Unfortunately, these procedures are not well known or clear for most people, which results in wasting their time, and effort.

This motivates us to propose a system that would facilitate and accelerate the process of making a claim for a compensation. This was the motive to develop this system.

Introduction

There are many people who have car accidents, then they suffer from the procedures required to get the substitution amount from the insurance company because these procedures are complicated and unknown for most people we have asked. So, we think about an application to make these steps easier by assigning these procedures to specialized people whose jobs are finishing procedures for money.

Our application is considered as a broker between customers and trackers.

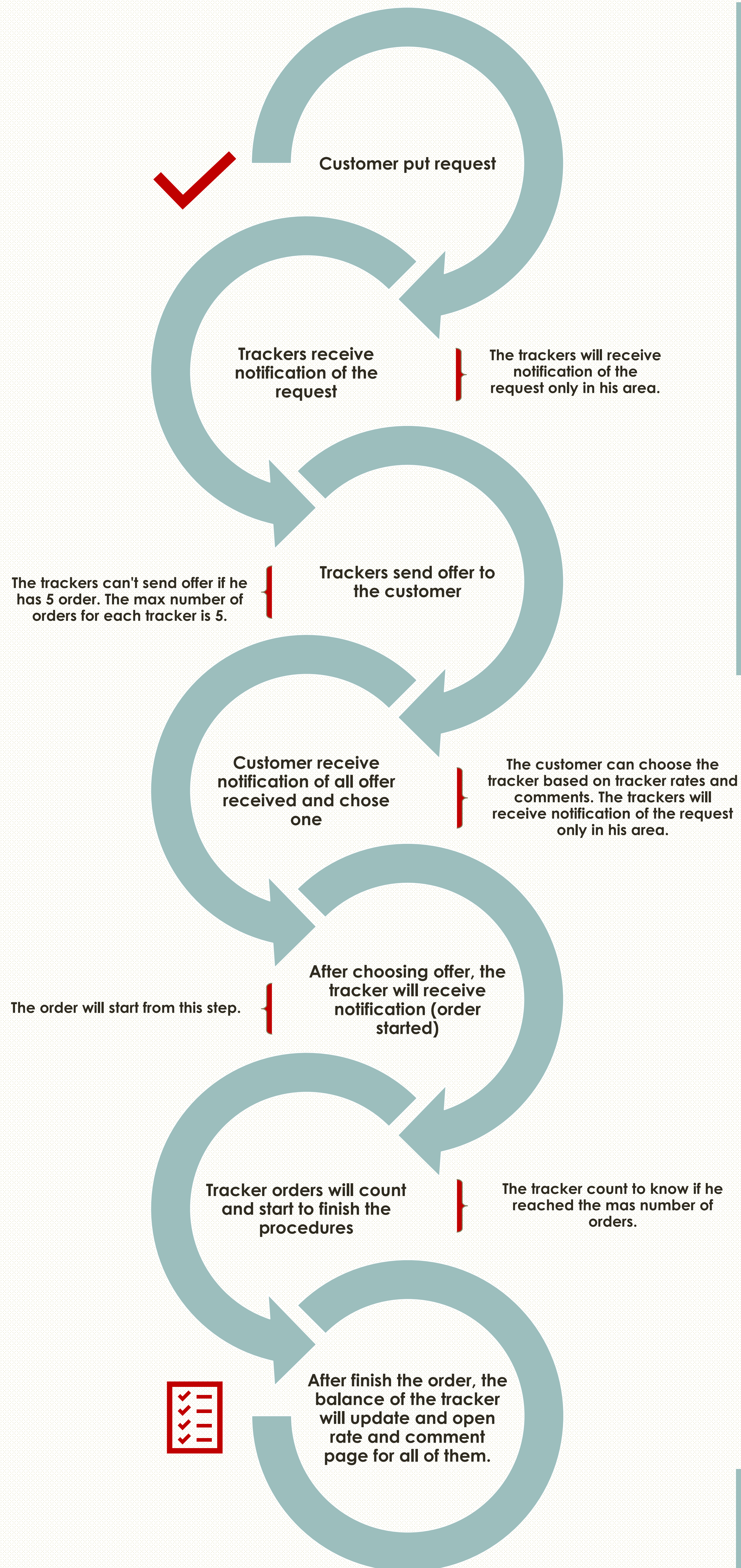
We searched for application that do that task, but there is no application for this purpose has been found in the literature. So, this encouraged us to develop one.

Methods and Materials

We will use waterfall approach because it is easier way in our case. Our application consists of:

- Frontend (the mobile application):
We will make a hybrid application because we want to write the code once and build for many platforms. So, we will use VUETIFY, CORDOVA and vue.js frameworks.
- Backend (the server-side service):
We will use firebase database, so we do not need API service.

Procedures to make an order



Problems and Solutions

In every country and specific in Saudi Arabia there are problems in a compensation way for all sides of the accident. After survey, we found these problems:

- The procedures take time.
- The procedures are complicated.

Then, we found the solutions in this project. Which were:

- Make the procedures up with the vision of the Kingdom of Saudi Arabia 2030 through digital transformation. So, the procedures will not take time.
- By this project, the procedures were very simple. All procedures you can finish it or send it online from your home.

System features

- Create jobs for the trackers.
- Increase income.
- Saving time to the parties to the accident.
- Easy to use.
- Work on iOS and Android.
- Download it for free.
- Support Arabic language.
- Specialized in car accident.
- Specialized in KSA car accident procedures.

Conclusions

In the end, we want to improve all services in Saudi Arabia to make it among the countries around the world and a leader and the best in all fields.

Also, we want to keep up with the vision of the Kingdom of Saudi Arabia 2030.

We hope this application is useful and widely used for all people.

Future

- We will add more services.
- Work on more platform.
- Fixing the cars.
- Add special services for females.



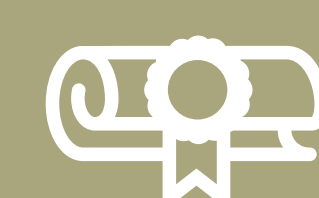
Supervisor:
Dr. Tariq Fahad Aljabri



Team members:
Osama Ghazal Almatrafi
Abdulmajed Ali Alganawi



Umm Al-Qura University
Department of Computer Science



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