**Identify the destination by QR code**

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**Proposed Supervisor**

Dr. Chandana Perera

**Problem Statement**

As a final year student, who doing the software engineering degree program I found lot of problems in our day-to-day life. So, I thought to Use my experience and knowledge to solve a single problem. Basically, I saw this problem mainly happened in the hospitals and places which has huge number of buildings. Mainly, the Problem is, we cannot identify the correct place which we want to go in those buildings. We must always ask that place from the reception or font office, and they guide us by their words. But sometime this method may case to waste time in both side and it may be difficult to both of us. Otherwise, what they say can be misunderstood.

**Project Description**

I decided to build up a system to solve this problem. In this solution user can scan the plan of each building using QR code scanner. Also, there will be a pop-up search bar displayed in the mobile UI to type the direction which user want to reach. Using this technology, user do not want much help from the reception. Otherwise, receptionist does not want to give his/her valuable time and more attention to guide each customer. After typing the destination and clicking the “Ok” button, this system provides the service to the customer. There are having many advantages using this system not only for the customer but also the company which use this system also grab some advantages as well. The building which uses this system, they can collect the information about the user who Scan the QR code. Basically, those data go to the one of the databases. There is a user-friendly mobile UI includes in this system.

**Project Keywords**

Coding languages (Java, HTML, CSS, …)

Software designs

Mobile application

Software design

Information retrieval

**Requirements**

There are many new technologies and methods that I hope to use my project. Some of them are learnt from the university. Otherwise have to get more knowledge from self-study. Dr. Chandana supervise me to do a best thing as the final year project. Also, I expect the guidance of my supervisor every time and hope to do justice to the advice.