## Problem Definition

### Name of this Capstone Project

Office Rental Service (ORS).

### Problem Abstract

Almost medium and small companies don’t build a new office. They usually look up on internet to rent office. But they can’t find a suitable office for them. Or the price to hire a third party broker company is too high. Besides, the office they rent doesn’t provide the necessary equipment and the time to repair is too long. So, our system will solve that problem.

### Project Overview

#### Current Situation

* There is a lot of website about office for rent in Viet Nam. Besides, some foreign websites have good office rental service.
* Advantages: Providing search engines criteria, support map, usually update information, friendly and specialized interface.
* Disadvantages: Mobile system require internet connection, notification system has limited function.

#### The Proposed System

The system will help customers find suitable office, create contract online, rental more equipment and quickly repair/maintains office. The system also have function notify to remind customer about appointment.

##### Web Application (chưa làm)

* Guess
  + Search for office base on places, category, amenities
  + View office detail
  + Register information to make an appointment
  + Login
* Customer:
  + Review office
  + Request rental appointment
  + Request repair
* Admin:
  + View list/Create/Update/Delete Manager.
  + View list/Create/Update/Delete Staff.
* Manager:
  + Approve/Cancel/Delete contract
  + Assign repair
  + View Statistic
* Staff:
  + Create contract
  + View list/Create/Update/Delete office
  + Approve/Delete rental
  + Update status request repair.
  + Approve/Delete review

##### Mobile Application

* Staff can make contract/update repair status by mobile.

#### Boundaries of the System

#### Development Environment

##### Hardware requirements

**For Server**

|  |  |  |
| --- | --- | --- |
| Windows | Minimum Requirements | Recommended |
| Internet Connection |  |  |
| Operating System |  |  |
| Computer Processor |  |  |
| Computer Memory |  |  |

Table 2: Hardware Requirement for Server

**For Mobile Application**

|  |  |  |
| --- | --- | --- |
| Mobile | Minimum Requirements | Recommended |
| Internet Connection |  |  |
| Operating System |  |  |
| Hardware |  |  |
| Memory |  |  |

Table 3: Hardware Requirement for Mobile App

##### Software requirements