Project proposal (detailed)

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# Project name:

Staff Scheduler (APP name: BeOnTime)

# Project description:

We will develop an APP on Android which will collaborate with our PHP course project in this semester. It is suitable for the large companies whose employees work remotely for clients in distributed places. There will be three types of user. Employee, Manager and Client. It will allow different type users to login and use different features of this APP. Please see below feature list.

This application will be a 3-tier application. We will develop web service to accept the requests from mobile client as well as design a database structure from scratch. We have found a free web hosting service on the Internet in which we will put the service. All of information and data will be synced and displayed in our PHP course project as well.

***Cpanel Username: b16\_20802573***

***Cpanel Password: beontime***

***Your URL: http://beontime.byethost16.com or http://www.beontime.byethost16.com***

***FTP Server : ftp.byethost16.com***

***FTP Login : b16\_20802573***

***FTP Password : beontime***

***Cpanel URL: http://cpanel.byethost16.com/***

# Feature list:

1. Employee login/logout. Send GEO info to server. After an employee login, if his/her current position is out of range (eg: The range of a home broadband sales representative working in a supermarket should not be greater than 300 meters from the center of supermarket), or in a wrong shift time, pop up a local notification in his/her mobile phone. + Develop web service on web server + DB data operation

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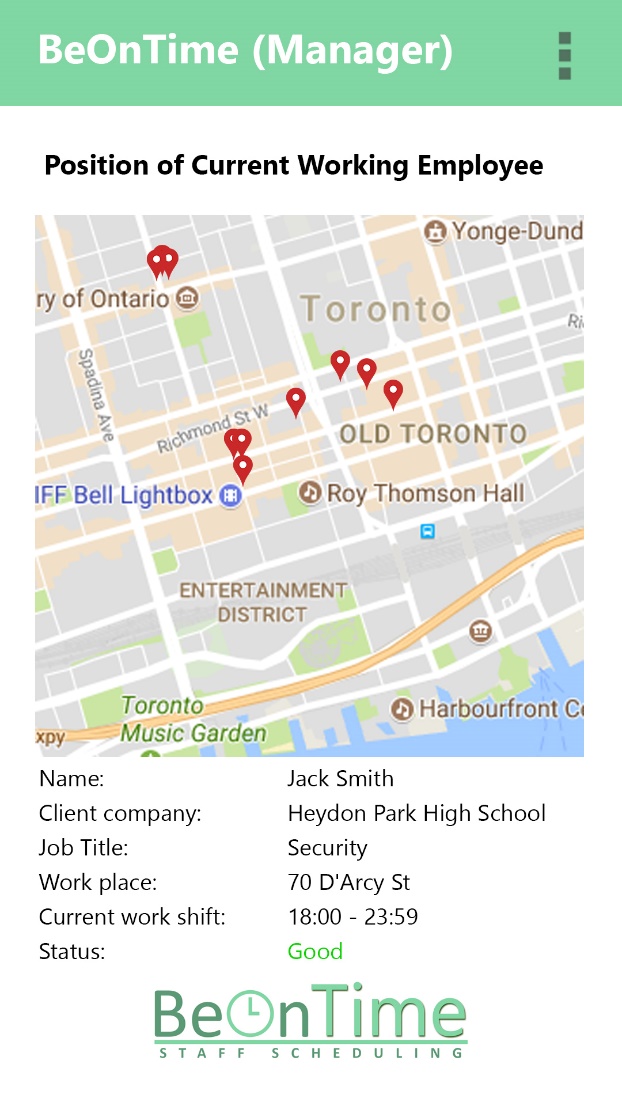
1. Employee view/accepts/rejects shift. + Develop web service on web server + DB data operation

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1. Client rates/comments. Employee/manager views client rate and remarks. + Develop web service on web server + DB data operation

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1. Manager display the current position of working employee by using Google Maps API.



I split the APP into 4 parts. Each person takes one.

# Survey

There is no such kind of APP in Google Play market.