Project Name: IIUM JOB HOUSE

Course title: Mobile Application Development

(INFO 4302)

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Section: 2

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1 INTRODUCTION

IIUM Job House is a native mobile application that helps the owners of shops, cafes and restaurants within IIUM to find employees who are willing to work. This application also enables job seekers to search for whether part or full time job vacancies in the shops, cafes, restaurants and photocopy centres within IIUM. The main purpose of this application is to be a mean of connection between job providers and job seekers.

2 PROBLEM DESCRIPTION

2.1 Background of the problem

The developers plan to develop a native mobile application that can be used in IIUM and by IIUM students, staffs, and owners of shops, cafes, restaurants, photocopy centres. Currently, job providers are advertising job availability on social media and manually and also job seekers visit job providers manually for job vacancy.

Besides, there is no such specific job platform to be a mean of connection between job seekers and job providers in IIUM. Existing businesses in IIUM are not such big companies to be registered in existing applications such as Indeed, JobStreet and JobStore and advertise their job vacancies. Therefore, the developer team came out with the idea of IIUM Job House.

2.2 PROBLEM STATEMENT

- It is time consuming for job seekers to look for jobs on different social media such as Facebook, Telegram, Twitter...
- More difficult to go manually to every shops, restaurants and photocopy centres to ask about available jobs.
- Students have difficulties in finding part time job near to their hostel during their studying.
- The available applications do not advertise specific jobs in IIUM 's canteens, cafés, shops and photocopy centres.

3. PROJECT OBJECTIVE

- The objective of this project is to develop a mobile application as a mean of finding job within IIUM as well as posting available jobs.
- Helps IIUM shops, cafes, canteens and photocopy centres to find applicants easily.

* likewise helps job seekers to find jobs inside IIUM.

4. PROJECT SCOPE

4.1 Scope

This application will only cover the International Islamic University Malaysia (IIUM) restaurants, cafes, shops and photocopy centres within IIUM. It can be used by these businesses.

4.2 Targeted Users

* Job seekers who look for part or full time job within IIUM.
* Users 's age 18 and above.
* Shops, cafes, canteens and photocopy centres in IIUM can use this mobile app to post their job vacancies.

4.3 SPECIFIC PLATFORM

We need both software and hardware and some standard programming languages.

Software Requirements:

* Windows 7 or higher
* Ms Office
* Andriod Studio
* Visual Studio
* Xampp
* Node.js
* PhpMyAdmin for database

Hardware Requirements:

* Core i3 Processor Based Computer or higher
* Memory: 3 GB RAM
* Hard Drive: 20 GB
* Internet Connection mediums

5. CONSTRAINTS

Project budgets

Budget may cost too high due to requirement of hardware (at least i3 Processor Based Computer) for large database.

Database size

Decrement in the speed and performance of this application due to accessing and retrieving data from a large database.

Commitment constraint

This is group project, each developer must commit to her/his work and demonstrate interest to the work.

5. PROJECT STAGES

Stage

- Identify a topical or problem area of users
- Define the scope and objectives of the project
- Develop a project plan
- Define resources and requirement
- Define the function
- Application development
- Testing

6 SIGNIFICANCE OF THE PROJECT

6.1 Features and Functionalities

- English as language option: English is the only language that users can interact with this application.
- Completely automated system: Job search, upload resume, delete resume, job advertisement, job delete/edit, screen resume, approve resume and send message to job seeker.
- Friendly user interface and simple design: Visitors do not need to have mobile app search experience to use this app. They can interact with the system easily.
- Job providers can save time to find employees using this application.
- Makes the job seekers and companies closer.

- IIUM shops, restaurants, photocopy centres can see the profile of employees through this application.

7SUMMARY

The developer are planning to develop this system to solve the current problem of both job seekers and job providers. Save job seekers' time to search job and ease job search and resume submission to the companies. To conclude, the developers hope to make benefits for users of this online system. The only users can be job seekers and shops, cafes, photocopy centers and restaurants owners.

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