MPloyed

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***Minor Project Synopsis***

*Submitted*

*In partial fulfilment*

*For the award of the Degree of*

***Bachelor of Technology (CSE-CT & IS)***

***In Department of Computer Science & Engineering***



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**ABSTRACT**

A job portal helps both the job seekers and recruiters finding the right organization for

The employee. In the case of job seekers according to their educational qualification,

Experience and their preferences. The job portal shows the list of companies to the job

Seekers and to the recruiters provides the suitable candidate.

The job providers can give the details clearly of their need.

The proposed system is using GitHub Jobs API to fetch relevant jobs’ list

, React Native as a development language, Facebook Login Authentication to authenticate a user, Google Maps API to show Maps and perform location related tasks.

The

System is developed with React Native and Expo by using smooth, simple, UI interface and

Functionalities in order to use the system efficiently and giving an economical solution

For companies.

The present system requires applicants to search through pinpointing location for

Job opportunities. Applicants need to apply for jobs using conventional methods and

Appear for interview on a specified date at a specified location. Employers need to

Advertise the vacancies and sort all applicant details, conduct selection procedures and

Complete the formalities. This approach is tedious and requires much effort and

Resources.

**1. INTRODUCTION**

Our WeNurture app lets you to define the knowledge framework in an efficient and in an organised manner. As the students form a very integral body of any institution that they concern with. However, the institution may find difficulty in keeping pace with the students’ needs and requirements of the study material on day-to-day basis. This Student Management System application will ease the work of storing the data orderly manner with proper versioning and access rights.

**2. FEASIBILITY STUDY**

The world is becoming complex day by day. As an institution grows, the number of enrolled courses, types of references, student details etc. might vary. Hence, there arises a need to maintain an organized way of documentation for every organisation. It has become a necessity to have an efficient and easy to use document management system by which documents can be maintained in an orderly manner, while keeping in mind the various levels of access rights and confidentiality.

**3. REQUIREMENT ANALYSIS (SOFTWARE & HARDWARE)**

* 1. ***HARDWARE REQUIREMENTS:***
     1. Android Device:

4.1.1.1 RAM: 2 GB or higher

* + - 1. Android Version : 6.0 or higher
    1. IOS Device:
       1. IOS Version: 10.0.2 or higher

4.1.3 Computer Device:

* + - 1. RAM: Minimum – 4Gb Recommended – 6Gb
      2. Graphic memory - 2Gb recommended
      3. Windows 7 or higher Or Ubuntu or Mac OS
      4. Storage Requirements – 10Gb
      5. Processor- Any processor with minimum 1 GHz processing speed.

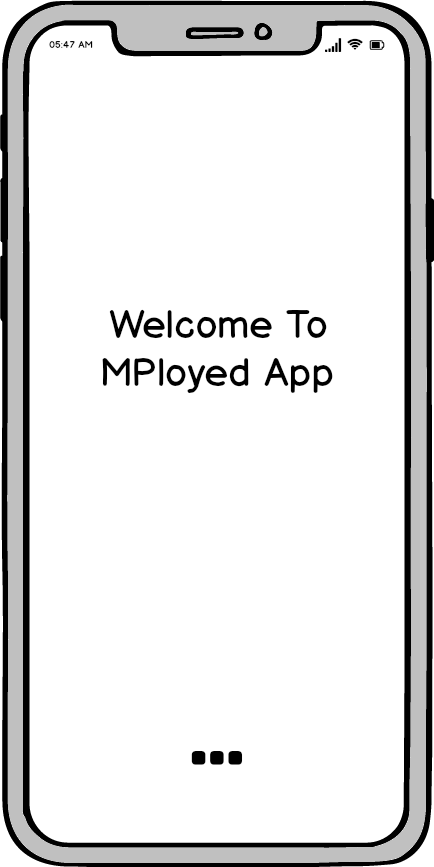
***4.2*** ***SOFTWARE REQUIREMENTS:***

* + 1. React Native CLI
    2. Expo XDE
    3. Node.js
    4. Text Editor

***4.3 PREREQUISITES:***

* + 1. Basic JavaScript Knowledge
    2. Advanced ReactJS Knowledge
    3. React Native Knowledge
    4. Knowledge for Applications in Android and Android Studio
    5. Knowledge of Applications in IOS Devices

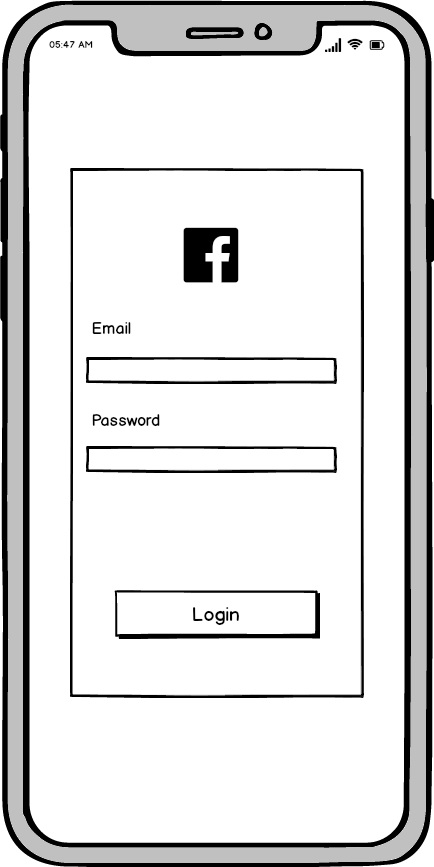
**4. PROPOSED MODULES**

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* **Welcome Screens Module :**

This set of screens will be swipeable and

will give a overview of what the app is for



* **Facebook Auth Screen :**This screen will perform facebook

authentication to login user to the app



* **Map Screen :**

This screen will show a map from which

the user can choose and search list of jobs

from chosen location



* **Jobs List Screen:**

This screen fetches list from API and

shows jobs from the chosen location.

Jobs are saved by swiping right and

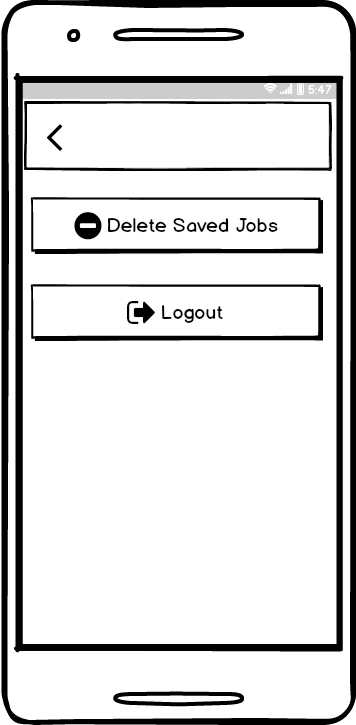
Ignored by swiping left.

* **Review Screen :**

This screen shows saved jobs and users

can go to company’s job portal to apply

to their jobs



* **Settings Screen :**

This screen has 2 buttons:

Logout: Logs out user and returns to

welcome screen

**5. CONCLUSION**

It may help collecting perfect management in detail. In a very short time, the collection will be obvious, simple and sensible. It will help any person working in a institute to know the management of the passed year accurately. It also helps in managing all the current works relative to the Student Management System. It will also contribute to the reduced costing and collecting the management and collection procedure will thereby go on smoothly.

Our project briefly aims at computerizing various processes of the previously manually managed Student Management System.

* In computer system, it is not necessary to create the manifest but we can directly print it, which saves our time.
* To assist the staff in capturing the effort spent on their respective working arenas.
* In computer system, the person has to fill the various forms and the desired number of copies of the forms can be easily generated at a single instance of time.
* To utilize the resources in an efficient manner by increasing their productivity through automation.
* It satisfies the user requirement working in any educational institution related jobs.
* Be easy to understand by the user and the operator.
* Be easy to operate.
* Have a good user interface.
* Can be delivered on schedule within the budget.

**6. REFERENCES**

***Toolkits:***

[1] Node Package Manager - <https://nodejs.org/en/>

[2] Expo XDE - <https://docs.expo.io/versions/latest/introduction/installation>

[3] React Native CLI - <https://facebook.github.io/react-native/docs/getting-started.html>

[4] Sublime Text Editor - https://www.sublimetext.com/3

***Websites for Reference:***

[1] Expo XDE Docs - https://docs.expo.io/

[2] React Native - https://facebook.github.io/react-native/