

GLA UNIVERSITY



Department of Computer Science & Application
Institute of Engineering & Technology

TOPIC : MINI PROJECT SYNOPSIS ON OPTIMAL HIRES

SUBMITTED BY:-

Deepak Parihar

Id-201500206

Suchita Khare

Id-201500712

Akash Rathour

Id-201500060

Devesh Sharma

Id-201500216

SUBMITTED TO:-

Mr. Akash Kumar Choudhary

(Technical Trainer)

Acknowledgement

It gives us a great sense of pleasure to present the synopsis of the B.Tech mini project undertaken during B.Tech III Year. This project is going to be an acknowledgement to the inspiration, drive and technical assistance will be contributed to it by many individuals. We owe special debt of gratitude to Mr. Akash Kumar Choudhary, Technical Trainer, for providing us with an encouraging platform to develop this project, which thus helped us in shaping our abilities towards a constructive goal and for his constant support and guidance to our work.

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Deepak Parihar (201500206)

Suchita Khare (201500712)

Akash Rathour (201500060)

Devesh Sharma (201500216)

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INTRODUCTION

Campus placement or campus recruiting is a program conducted within universities or other educational institutions to provide jobs to students nearing completion of their studies. The emergence of modern technologies has had profound impacts on the education landscape, with online learning now an integral part of the learning process. The project **Optimal Hires** is aimed at developing an android application for the students to be prepare for placements beforehand. It is an android application that provides a detailed description about the placement drives that are held in the campus. As we all know that time is the essence for every college student like us who wants to stay on top for placements, extracurricular activities, and personal matters. Luckily, technology is on our side. This android application is going to help students in a lot of ways ranging from knowledge of placement drives, to organising tasks and to-dos accordingly, and of course, improving productivity. This application focuses on providing students login and enabling them to select their dream core and start preparing in advance in order to achieve the success they deserve. Front end of the system is developed with the help of flutter Framework which uses dart language. Backend and Database management of this system will be done with the help of Firebase database.

About the Project:

The system is an Android application that can be accessed throughout the Institute when proper login provided. Students will be able to get all the information about the companies that have visited the campus. This portal will have the detailed information about the company like the names of the company, the syllabus etc. Students will get all the information like last year offered packages, skills required and previous year questions. As all this information will be stored in one place it will save both time and energy of students. The base technology used is Flutter framework with Dart programming language. Back end and Database management of this system is developed with the help of Firebase database.

Primary Reason to Choose This Project:

- What is the placement success rate of your college?
- Which major corporate companies visit your college to hire students?
- How many students were placed in the previous year?
- What were the packages offered?

As a student, you might have all these doubts and you would want them to be cleared beforehand. To address these inquiries fairly with proper data in hand it is a crucial responsibility to serve as a connecting body that prepares the students for the workforce. To the already confused students who are worried about their final exam preparation, a mountain of assignments, and elementary tasks, one must offer necessary programs for skill development training to acquaint them with the sector and the workplace.

The main objective of the project:

Because of these problems revamping the training programs and placement strategies becomes essential. A higher education placement software can help boost your productivity and relieve your mundane tasks. The project **Optimal Hires** is aimed at developing an android application for the students to be prepare for placements. The main objectives are to ensure that all students who have access to promising and suitable employment opportunities have the detailed information about the company like the names of the company ,the syllabus Students will get all the information like last year offered packages, skills required and previous year questions.

Scope of project:- Our project has a big scope to do. Students can access previous information about placement.

1. Easy to access the placement related material.
2. To increase the accuracy and efficiency of placement preparation.
3. Analysis of overall placement activities.

SOFTWARE AND HARDWARE REQUIREMENTS

- Flutter
- Dart
- Android Studio
- Vs Code
- 512 MB Ram
- Window 10
- Firebase

PROJECT DESCRIPTION

Optimal Hires is an android application which will provide the user the complete information about the campus drives. It (like company names, skills required, last year offered packages etc.). So that the user(student) can target his/her dream company and prepare himself/herself according to company requirements.

WORKING

This academic project mainly explains the various actions related to students placing to companies. It's is an android application. It tracks all the information of drives, placements and users. This application maintains a database for company's information. Students can check about the previous information for the company's placement. The information of student including the personal records and the academic performance in terms of marks and grades is stored and they can match their information with company's criteria. The students who have access to promising and suitable employment opportunities have the detailed information about the company like the names of the company ,the syllabus Students will get all the information like last year offered packages, skills required and previous year questions.

IMPLEMENTATION :-

Flutter

Flutter is a UI toolkit for building fast, beautiful, natively compiled applications for mobile, web, and desktop with one programming language and single codebase. Initially, it was developed from Google and now managed by an ECMA standard. Flutter apps use Dart programming language for creating an application. The cross-platform development framework has the ability to write one code and can deploy on the various platform (Android, iOS, and Desktop). It saves a lot of time and development efforts of developers.

REFERENCES

- www.w3school.com
- www.javatpoint.com
- www.projectdeveloper.com
- www.dart.dev
- www.tutorialspoint.com
- www.geeksforgeeks.org

Faculty Guidelines:

Mr. Akash Kumar Choudhary (Technical Trainer in GLA University)

GitHub Repository link:

<https://github.com/deepakparihar10/Optimal-Hires>