



DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

Synopsis

Course name: Mini Project **Course Code:** 19CSE48 **Semester Duration:** OCT 21- JAN 22

Student details:

USN	Name of the student	Section	Date of Submission	Signature
1NH19CS133	Pranav Manjunath Bedre	C		

PLACEMENT TRACKER AND ANALYSIS

Problem Statement

Hundreds of students are recruited by an assortment of companies. Build an application that can store information pertaining students' recruitment status such as number of applications submitted, interview rounds cleared in total, number of offer letters received and the package amount, if any, number of students selected by a certain company and students' success rate.

Outcomes

Placement tracker and analysis acts as a portal application for Teachers and students to check on students' progress and provide valuable insights.

The frontend is built with Tkinter, while the backend is connected to SQLite database. It would contain tables with recruitment information. The user can fetch details of a particular student by typing his/her name in the input field in the GUI. Operations that can be carried over by teachers module of the application:

1. Add value rows to the table
2. Delete information
3. Update information such as name and other fields that are allowed to be edited due to security concerns
4. Display information according to what the user wants to see. Such as:
 - Number of applications submitted by a student,
 - Interview rounds cleared,
 - Number of offer letter received, package amount if any,
 - Students selected by a certain recruiter/company.

Analysis: representation of recruitment trends followed by companies in the last 3 years.

Operations that can be carried over by students module of the application:

1. View the number of applications submitted by him/her,
2. View number of rounds cleared,
3. Number of offer letter received, package amount if any,

A student cannot update his/her information. This is controlled by the teachers to ensure 0 discrepancies and fairness.

Analysis: representation of recruitment trends followed by companies in the last 3 years.

Requirement Specifications

HARDWARE REQUIREMENTS:

Processor: Intel(R) Core(TM) i3-10110U CPU

Processor Speed: 2.59 GHz

RAM: 8 GB RAM

System type: 64 –bit operating system

Hard disk : 512 GB

SOFTWARE REQUIREMENTS:

Language: Python and Database

Compiler: Any python compiler

Signature of Reviewer with Date