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Project Team Profiling

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# Objective

To develop a software for automating the classification into compatible diverse teams of the shortlisted applicants based on their merits and demerits.

# Overview

This is a python application that evaluates employee resumes to create employee profiles and their scorecards over multiple criteria, and matches like-minded and diverse members into compatible teams, using python for collecting, cleaning and modeling data.

Since companies have to go through a lot of applicants before recruiting a few selected ones, it can be cumbersome to classify all the resumes for different skill sets requiring task groups. This application aims at automating the process of screening resumes to prioritize talents and create project groups with members of varied skills for all-encompassing teams of required size.

# Specifications

Programming language - Python

User Interface - PyQt

Database - MySQL

# Functional Components

Collecting resumes and creating employee profiles - Shravya M

Generating scorecards from resumes - Nikith K B

Grouping members into teams based on their skill sets - Poorvi Deshpande

Integration of modules with user interface and database management - Neeraj S

# Short-term goals

To gather resumes and build algorithm to generate scorecard based on skills in multiple criteria required for the job description

# Database and reference links

Reference for resume screening <https://towardsdatascience.com/resume-screening-with-python-1dea360be49b>

Link for dataset used

<https://www.kaggle.com/datasets/gauravduttakiit/resume-dataset>