



**SRS DOCUMENT**

PYTHON  
  
Student Intern Insights

|  |  |  |  |
| --- | --- | --- | --- |
| **Created By:** | Sudhanshu Ambhore | **Approved By:** | Suraj Mane |
| **Created On:** | 20-SEP-2023 | **Approved On:** | DD-MMM-YYYY |

**SRS DOCUMENT**

**BACKGROUND:**

Millions of students apply for internships/jobs every year; resumes play an important role in playing the first impression. The recruiters spend a max of 2-3 minutes reviewing a resume after it landed in their mailbox or Job board, ATS application. Surprising more than 70% of resumes are rejected in the initial screening.

**PROJECT OVERVIEW:**

We aim to conduct a comprehensive analysis of our student interns to gain insights about relationship between their academic performance, event participation, career aspiration and factors influencing their success. We have collected a dataset containing various attributes for each student.

**HARDWARE REQUIREMENTS:**

RAM: Minimum 3GB DDR4 Processor: Intel Core i3 series processor or equivalent AMD Ryzen 3 series processor Hard Disk Space: At least 50GB

**SOFTWARE REQUIREMENTS:**

Microsoft Windows, Microsoft Excel, Visual Studio Code, Python, Google Chrome

**CONSTRAINTS:**

Ensuring the project stays within the predefined scope and doesn't expand beyond its intended objectives

**ASSUMPTIONS:**

Access to accurate data

**RISKS:**

Limited or incomplete data and potential bias in analysis

**FUNCTIONAL REQUIREMENTS:**

The system should gather data from student interns to perform analysis. Data storage and security mechanisms are needed to manage the collected information. Pre-processing steps must be established to clean and prepare data for analysis purposes. The system should provide descriptive statistical summaries of the collected data. The analysis should categorize and examine the tasks completed by the student interns. Metrics should be defined to assess the performance of the interns during their tenure.

**NON-FUNCTIONAL REQUIREMENTS:**

The system's performance must be optimized to handle large and diverse datasets. Scalability should be considered in the system design to accommodate future data growth. Robust measures for data security and privacy should be implemented. The analysis process should consistently produce accurate and dependable results.

**EXTERNAL INTERFACE REQUIREMENTS:**

A user-friendly interface should be designed for seamless data input and analysis. Support for data import and export in various formats is necessary for data exchange. Integration possibilities with external APIs should be explored for enhanced functionality. Detailed analysis reports should be generated to summarize the findings effectively. Compatibility across different systems and browsers should be ensured for accessibility.

**TECHNOLOGY USED:**

Microsoft Windows, Microsoft Excel, Visual Studio Code, Python, Google Chrome