**Project Design Phase-II**

**Requirement Analysis**

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| **Date** | **02 November 2023** |
| **Team ID** | **640AAC8D0F73F94A50848C53B09EC92D** |
| **Project Name** | **Job Application Tracking System** |

**Functional Requirements:**

Following are the functional requirements of the analysis phase

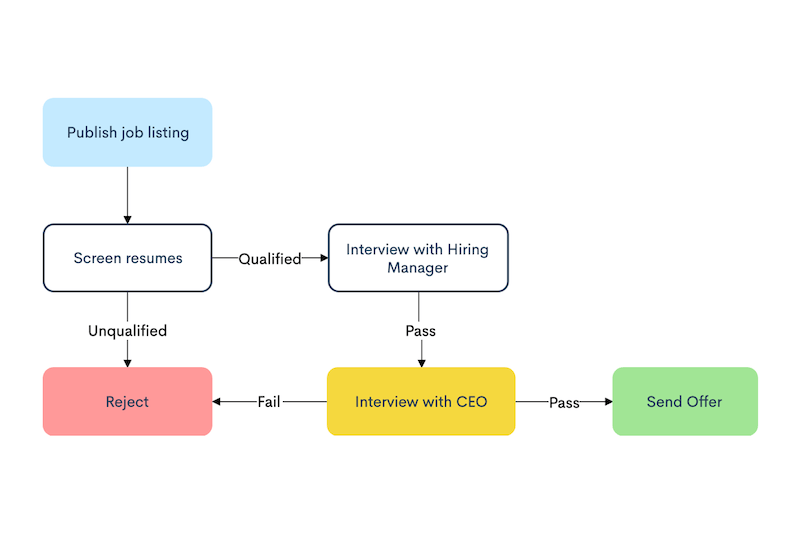
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| **FR No.** | **Functional Requirement** | **Sub Requirement (Story / Sub-Task)** |
| FR-1 | Job posting and requisition management | 1. streamlining the process of creating, posting, and managing job openings |
| FR-2 | Interview scheduling and management | 1. recruiting assistance system should define the specific capabilities and features that enable HR managers to efficiently coordinate and conduct interviews |
| FR-3 | Communication with candidates | 1. Effective communication with candidates during the interview scheduling and management process is crucial for providing a positive candidate experience and ensuring a smooth recruitment process. |
| FR-4 | Assessment and testing. | 1. essential to ensure that the system effectively supports the evaluation of candidates during the hiring process. These requirements typically cover a range of features and capabilities |
| FR-5 | Data analytics and reporting. | 1. the system should do in terms of data analysis, visualization, and reporting capabilities. These requirements are crucial for organizations to make data-driven decisions, monitor performance, and extract valuable insights. |

**Technical Requirements:**

Following are the Technical requirements of the analysis phase

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| **TR No** | **Technical Requirements** | **Description** |
| TR-1 | Database Management | Implement a robust and secure database to store customer information, transaction data, and inventory details. Ensure data is stored, accessed, and updated securely. |
| TR-2 | Security Measures | Implement encryption and security protocols to protect customer data and financial transactions.  Use industry-standard security practices to prevent data breaches. |
| TR-3 | API Integrations | Connect with payment gateways, mapping services, and CRM systems through APIs. Ensure smooth and secure data exchange between the application and external services. |
| TR-4 | Scalability | Design the application to be scalable, allowing for growth in the number of users and gas stations.  Scalability should include both hardware and software components to handle increased demand. |

**Flow Chart:**

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