# User Acceptance Test (UAT) Plan

Project Name: AI-Powered Resume Screening System

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**1. Introduction**  
User Acceptance Testing ensures that the AI-powered resume screening system meets business requirements before deployment. This plan outlines the approach, test scenarios, and criteria for acceptance.

## **2. Objectives**

Validate the system against business requirements.  
Ensure ease of use and efficiency for recruiters.  
Identify and resolve issues before deployment.

## 3. Scope

Focus on User Acceptance Testing (UAT) (not unit or system testing).  
Testing conducted by end users (HR personnel, hiring managers).  
Validate the system’s ability to process and rank resumes correctly.  
Ensure compliance with hiring policies and standards.

## 4. Test Plan Approach

Testing Phases:  
1. Analysis of business requirements – Review system functionality and expected results.  
2. Creation of UAT test plan – Define testing approach and scenarios.  
3. Identify test scenarios – Align test cases with business needs.  
4. Develop test cases & Expected Results – Create structured test cases for validation.  
5. Prepare test data – Use realistic resumes and job descriptions for testing.  
6. Execute test cases – Conduct UAT and record results.  
7. Confirm compliance – Ensure system functions as expected.

## 5. Test Scenarios & Cases

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| --- | --- | --- | --- |
| Test Case ID | Test Scenario | Expected Result | Pass/Fail |
| UAT1 | Upload a batch of resumes in PDF format | System processes resumes correctly without errors |  |
| UAT2 | Rank candidates based on job description match | AI provides accurate ranking and justification for scores |  |
| UAT3 | Allow recruiters to manually adjust rankings | Recruiters can modify rankings and save changes |  |
| UAT4 | Generate a report on candidate rankings | Report is accurate and formatted correctly |  |
| UAT5 | Ensure system security compliance | No unauthorized access or data leakage |  |

## 6. Test Data Requirements

A set of 50 sample resumes in various formats.  
Multiple job descriptions for different roles.  
HR user accounts with different permission levels.  
  
**7. Acceptance Criteria**  
All critical test cases must pass.  
System should be free of major defects.  
Feedback from HR testers must be positive, ensuring usability.  
Any issues must be documented, with fixes prioritized.

## 8. Test Execution & Reporting

Testers will record results in a shared document.  
Failed tests will be logged, with issue tracking and resolution steps.  
Final report will summarize overall test success and recommendations.