# **Objective**

To prioritize testing activities based on the likelihood of failure and the potential business impact.

# **Risk Identification and Analysis**

| **User Story** | **Potential Risks** | **Likelihood** | **Impact** | **Priority** |
| --- | --- | --- | --- | --- |
| Registered User Login From a New Device | Login fails due to OTP issues; SMS notifications not sent; User logged out unintentionally. | High | High | Critical |
| Individual Investor - Upgrade To Premium | Document upload fails; Incorrect validation of premium criteria; Notification delays. | Medium | High | High |
| Approvals Notifications | SMS | Loan request status SMS not sent; Incorrect or missing rejection reasons in SMS. | Medium | Medium | High |
| Departments Approval | Approval not reflected properly; Timestamp or approval record missing. | Low | Medium | Medium |
| Corporate Investor - Commercial Registration Verification | Incorrect handling of invalid data; Validation fails for start date; Third-party service down. | Medium | High | High |

# **Testing Priorities Based on Risk**

1. Critical
   * Registered User Login From a New Device
   * Corporate Investor - Registration Verification
2. High:
   * Individual Investor - Upgrade To Premium
   * Approvals Notifications | SMS
3. Medium:
   * Departments Approval

# **Mitigation and Contingency Plan**

* Perform smoke testing to identify critical failures early.
* Allocate more resources for high-priority test cases.
* Collaborate with the development team for quick resolution of critical bugs.
* Set up automated test runs for repetitive high-risk scenarios.