

# Risk Management Model

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## 1 Risks

This document provides the list of ten possible risks that might be faced while developing the recruitment model of Labour Management System. Along with providing these potential risks we also define methods and solutions that can be implemented in case any of these risks occur.

### 1.1 Risk 1:

The recruitment process might stop due to sudden leave of any of the integral actors.

**Likely Hood of the Risk:** 8

**Potential Impact on the Project:** 9

**Risk exposure:** 72

**Solution:** Other Employees who applied at our site can be used to replace these actors based on their performance.

### 1.2 Risk 2:

The Recruitment model might take more time to produce results than suggested to the Employees.

**Likely Hood of the Risk:** 7

**Potential Impact on the Project:** 5

**Risk exposure:** 35

**Solution:** Developing the System in such a way that it is strict to follow the schedule.

### 1.3 Risk 3:

Difficulty in implementing a system that predicts the incentives and employee of the month.

**Likely Hood of the Risk:** 5

**Potential Impact on the Project:** 8

**Risk exposure:** 40

**Solution:** Using a technology for prediction that is compatible to the technology on which the software is being developed.

#### **1.4 Risk 4:**

Possibility of loss of data uploaded by the applicants.

**Likely Hood of the Risk:** 6

**Potential Impact on the Project:** 9

**Risk exposure:** 54

**Solution:** Appointing separate DBA's to ensure effective transfer of data.

#### **1.5 Risk 5:**

Different User Interface may be developed other than the one expected by the clients.

**Likely Hood of the Risk:** 5

**Potential Impact on the Project:** 7

**Risk exposure:** 35

**Solution:** Use of prototyping must be implemented to get approvals of client at different steps.

#### **1.6 Risk 6:**

It may happen that Stakeholders might change during the developing process.

**Likely Hood of the Risk:** 7

**Potential Impact on the Project:** 7

**Risk exposure:** 49

**Solution:** Prioritizing the requirements and giving equal chances to each stakeholder.

#### **1.7 Risk 7:**

The Biometric Scanners which are integral part of the system might go faulty.

**Likely Hood of the Risk:** 8

**Potential Impact on the Project:** 10

**Risk exposure:** 80

**Solution:** Maintaining a Log record until the scanners are replaced and time to time inspection of all hardware components must be done.

#### **1.8 Risk 8:**

The Government Policies might change after the software gets developed.

**Likely Hood of the Risk:** 8

**Potential Impact on the Project: 9**

**Risk exposure: 72**

**Solution:** We must keep the policies updated and changing the software accordingly.

### **1.9 Risk 9:**

Database Failure

**Likely Hood of the Risk: 5**

**Potential Impact on the Project: 10**

**Risk exposure: 50**

**Solution:** Distributed Database technique can be used to avoid loss of data.

### **1.10 Risk 10:**

It may happen that hackers might temper with the data of the Employees.

**Likely Hood of the Risk: 7**

**Potential Impact on the Project: 9**

**Risk exposure: 63**

**Solution:** Effective Encryption must be implemented to avoid the interruptions caused by Hackers.