

# **Risk Management Plan**

## Operational Risks

### 1. Internet Connectivity Issues

- There can sometimes be unstable internet connection which may hamper the working speed or quality

## Project Management Risks

### 1. Delays in Development

- There may be unexpected bugs in the product which may lead to delay in the development process

### 2. Academic Commitments

- Some team members may have College exams, thus affecting their availability for development.

## Security Risks

### 1. Data Breach

- There may be unauthorised access to the data which can lead to delays and leakage of sensitive user information

# **Risk Mitigation Strategies**

## **Preventive Measures**

### **1. Ensuring Resource Availability**

- Cloud-based tools and shared repositories should be used for seamless collaboration and lesser resource hogging.

### **2. Minimize Human Error**

- Regular review of the work done by an individual thus reducing the chance of Human error.

### **3. Reduce Development Delays**

- Break the project into smaller parts thus making the task stress free and eventually reduce development delay.

### **4. Secure the System**

- Implement access control and encryption to protect sensitive data.

# Contingency Plans

- If a critical bug is found, allocate additional time for debugging and testing.
- If a team member is unavailable, redistribute tasks among other members.
- If internet access is lost, switch to offline development and sync later.
- If the timeline is at risk, prioritize essential features and defer non-critical ones.

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