

Role

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Understanding Risks and Test Planning

- **Objective:**

- Presenting potential risks in our project and how we plan to manage them

- **Overview:**

- Identification of risks associated with data security, device integration, and functionality disruptions
 - Description of manual test scenarios for critical application functionalities

- **Importance:**

- Ensuring robustness and reliability of the project through comprehensive risk management and testing

Identification of Potential Risks

- **High-Risk Factor: Data Security**
 - Ensuring robust encryption methods for sensitive user data
 - Mitigating risks associated with potential data breaches
- **Medium-Risk Factor: Device Integration**
 - Compatibility testing across various devices and operating systems
 - Addressing potential challenges in seamless integration
- **Low-Risk Factor: Functionality Disruptions**
 - Safeguarding against disruptions in essential functions due to updates
 - Implementing effective rollback strategies if unexpected issues arise

Test Scenarios

- Registration and login across different user profiles
- Creation and management of projects by users
- Performance testing to ensure scalability under high user loads
- Verification of interface and usability for a smooth and intuitive user experience
- Testing communication channels between users and information exchange capabilities

Exploring Further Risk Reduction Measures

- *Enhanced Security Layers:* Implementing advanced encryption protocols or multifactor authentication systems to bolster data protection.
- *Expanded Test Coverage:* Enlarging the scope of test scenarios to encompass a wider array of functionalities and potential user interactions.
- *Continual Monitoring Strategies:* Establishing ongoing surveillance protocols to promptly detect and address emerging risks or vulnerabilities.