Risk assessment

Last edited by **An Nguyen** 1 year ago

Risk

Project risk

General level risks

1. Scope Creep

- **Likelihood:** Medium
- **Impact:** High
- **Overall Risk:** Medium
- **Description:** There's a risk of the project scope expanding beyond the initial requirements, leading to delays and increased development efforts.

2. User Adoption

- **Likelihood:** Medium
- **Impact:** Medium
- **Overall Risk:** Medium
- **Description:** Users may resist or have difficulty adopting the virtual journal, impacting the success of the project.

3. Data Security

- **Likelihood:** Medium
- **Impact:** High
- **Overall Risk:** Medium
- **Description:** Storing personal and sensitive information in the virtual journal raises the risk of data breaches, potentially harming user trust.

4. Integration Challenges

- **Likelihood:** High
- **Impact:** Medium
- **Overall Risk:** High
- **Description:** Integrating the virtual journal with other tools or platforms may pose technical challenges, leading to delays and increased complexity.

5. User Experience (UX) Issues

- **Likelihood:** High
- **Impact:** Medium
- **Overall Risk:** High
- **Description:** Poor user experience, such as unintuitive design or navigation issues, may result in user dissatisfaction and a negative impact on adoption.

6. Technical Debt

- **Likelihood:** High
- **Impact:** Medium
- **Overall Risk:** High
- **Description:** Rushed development or cutting corners may lead to accumulating technical debt, impacting the maintainability and scalability of the system.

7. Unrealistic Timelines

- **Likelihood:** Medium
- **Impact:** High
- **Overall Risk:** Medium
- **Description:** Setting unrealistic project timelines may lead to increased stress, lower quality, and potential burnout among team members.

8. Requirements Changes

- **Likelihood:** Medium
- **Impact:** Medium
- **Overall Risk:** Medium
- **Description:** Changes in project requirements, especially late in the development process, can lead to rework and delays.

9. Dependency Risks

- **Likelihood:** Medium
- **Impact:** High
- **Overall Risk:** Medium
- **Description:** Dependencies on external libraries, services, or platforms may introduce risks if those dependencies experience issues or changes.

10. Communication Breakdown

- **Likelihood:** Medium
- **Impact:** Medium
- **Overall Risk:** Medium
- **Description:** Poor communication within the development team or with stakeholders may lead to misunderstandings and project delays.

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- **Likelihood:** Medium
- **Impact:** Medium
- **Overall Risk:** Medium
- **Description:** Poor communication between the development team and stakeholders may lead to misunderstandings and project delays.

12. Communication Breakdown

- **Likelihood:** Medium
- **Impact:** Medium
- **Overall Risk:** Medium
- **Description:** Poor communication between the development team and stakeholders may lead to misunderstandings and project delays.

13. Loss of Data

- **Likelihood:** Medium
- **Impact:** High
- **Overall Risk:** Medium
- **Description:** Accidental data loss due to hardware failure, software bugs, or human error can significantly impact user trust and the project's value.

14. Privacy Concerns

- **Likelihood:** Medium
- **Impact:** High
- **Overall Risk:** Medium
- **Description:** Users might be concerned about how their data is used or shared, potentially impacting adoption and trust.

15. Performance Issues

- **Likelihood:** Low
- **Impact:** High
- **Overall Risk:** Medium
- **Description:** Slow loading times or other performance problems can frustrate users and decrease adoption.

16. Offline Access

- **Likelihood:** Low
- **Impact:** Medium
- **Overall Risk:** Low
- **Description:** Inability to access entries without an internet connection can limit usability for some users.

17. Backup and Recovery

- **Likelihood:** Low
- **Impact:** High
- **Overall Risk:** Medium
- **Description:** Inadequate backup procedures can make data recovery difficult or impossible in case of system failures.

Feature-Related Risks

1. Scheduling Feature [#5](#)

- **Risk: Incomplete Scheduling Interface**

  - **Likelihood:** Medium
  - **Impact:** High
  - **Overall Risk:** Medium
  - **Description:** There's a risk of not fully implementing the scheduling interface, leading to a feature that doesn't meet user expectations.

- **Risk: Unreliable Reminder Functionality**

  - **Likelihood:** Medium
  - **Impact:** High
  - **Overall Risk:** Medium
  - **Description:** The reminder functionality may be unreliable or inconsistent, impacting the user's ability to rely on the application for timely notifications.

2. Timeline/Calendar Feature [#16 (closed)](#)

- **Risk: Task Integration Issues**
  - **Likelihood:** High
  - **Impact:** Medium
  - **Overall Risk:** High
  - **Description:** Integrating tasks into the timeline/calendar may pose technical challenges, leading to display issues or incorrect scheduling.

3. Create Personal Notes Feature [#17 (closed)](#)

- **Risk: Data Loss or Corruption**
  - **Likelihood:** Medium
  - **Impact:** High
  - **Overall Risk:** Medium
  - **Description:** There's a risk of data loss or corruption within the personal notes feature, potentially affecting user data integrity.

4. Search/Sort Item(s) Feature [#18](#)

- **Risk: Inefficient Search Algorithm**
  - **Likelihood:** Medium
  - **Impact:** Medium
  - **Overall Risk:** Medium
  - **Description:** The search/sort feature may be inefficient, leading to slow performance or inadequate search results.

5. Item Categorization Feature [#19](#)

- **Risk: Category Assignment Errors**
  - **Likelihood:** Medium
  - **Impact:** Medium
  - **Overall Risk:** Medium
  - **Description:** Users might face issues with category assignment, leading to misclassification and difficulty in organizing items.

6. Edit/Delete Item(s) Feature [#20](#)

- **Risk: Data Integrity Issues**
  - **Likelihood:** Medium
  - **Impact:** High
  - **Overall Risk:** Medium
  - **Description:** Editing or deleting items may introduce data integrity issues, causing discrepancies in the application.

7. Create Task/Todo/Scheduled/Reminder Items Feature [#21 (closed)](#)

- **Risk: Task Overload**
  - **Likelihood:** Medium
  - **Impact:** Medium
  - **Overall Risk:** Medium
  - **Description:** Users might face challenges managing a large number of tasks, potentially leading to overwhelm and decreased usability.

8. Tracking Tasks Progress Feature [#3 (closed)](#)

- **Risk: Inaccurate Progress Tracking**
  - **Likelihood:** Medium
  - **Impact:** Medium

- **Overall Risk:** Medium
- **Description:** There's a risk of inaccurate progress tracking, impacting users' ability to assess and manage their tasks effectively.

9. Achievements badge Feature #95 (closed)

- **Risk: Badge System Abuse**

  - **Likelihood:** Medium
  - **Impact:** Medium
  - **Overall Risk:** Medium
  - **Description:** Users may engage in undesirable behavior, such as gaming the system or focusing solely on tasks that earn badges rather than those that are genuinely productive.

- **Risk: Badge Implementation Challenges**

  - **Likelihood:** Medium
  - **Impact:** High
  - **Overall Risk:** High
  - **Description:** Implementing badge functionality may introduce technical challenges related to tracking user actions, managing badge data, and ensuring system performance and scalability.

- **Risk: Badge Fatigue**

  - **Likelihood:** Medium
  - **Impact:** Low
  - **Overall Risk:** Medium
  - **Description:** Users may lose interest in earning badges if they are perceived as too difficult to achieve or if the rewards associated with them are not sufficiently motivating.

10. Unlocking rewards (badges) with points Feature #102

- **Risk: Point Inflation**

  - **Likelihood:** Medium
  - **Impact:** Medium
  - **Overall Risk:** Medium
  - **Description:** Users may accumulate points too quickly or easily, diminishing the value of badges and reducing their perceived significance.

- **Risk: Technical Complexity**

  - **Likelihood:** High
  - **Impact:** High
  - **Overall Risk:** High
  - **Description:** Implementing point and badge functionality may introduce technical challenges related to tracking user actions, managing point balances, and ensuring system performance and scalability.

11. Frame/Template for items Feature #86 (closed)

- **Risk: Template Consistency**

  - **Likelihood:** High
  - **Impact:** High
  - **Overall Risk:** High
  - **Description:** Ensuring consistency in formatting and layout across different templates and devices may be challenging, leading to inconsistencies in user experience.

- **Risk: Template Maintenance**

  - **Likelihood:** Medium
  - **Impact:** High
  - **Overall Risk:** High
  - **Description:** Managing a library of templates and ensuring their compatibility may require ongoing maintenance and support.

Comments