**REPORT ON A DAILY JOURNAL**

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**Project Overview**

The Daily Journal mobile application is designed to help users document their daily thoughts, events, and goals in an intuitive and secure digital environment. The app offers a personalized journaling experience, allowing users to reflect, track emotions, and foster mindfulness.

**Description of the Application**

* Name of the App: daily journal
* Platform: Available on iOS and Android
* Target Audience: Individuals seeking a simple and reliable tool for daily journaling and organization.
* Purpose: The app aims to help users maintain a consistent journaling habit, reflect on their daily activities, and track personal growth.

**Development Phases**

1. **Planning and Research**

* Conducted Market Analysis by Studying competitors like Day One and Journey. identified a demand for simple, user-friendly, and secure journaling apps.
* Identified target Audience such as Students, professionals, and individuals practicing mindfulness or self-care.
* Technology Stack used for frontend was React native, expo cli and Typescript while for the backend ve used local storage.

2. **UI/UX Design**

* Key Design Elements:Clean and minimalist interface to encourage journaling.

3. **Development**

* Frontend Development:Designed entry screens, mood trackers, and calendar views.

4. **Testing**

* Functionality Testing: Verified journal entry creation, saving, and retrieval
* Performance Testing:Ensured smooth functionality across devices and operating systems.

User Feedback:Adjusted features like font size customization

5. **Deployment**

• Released beta versions for Android and iOS.

• Incorporated user feedback from beta testing before full release.

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**Functional requirements**

1. The system shall allow user to log daily entries.

2. Th system shall allow users create text based entries to document thoughts and goals

3. The system shall allow users store entries securely.

4. The system shall count number of words

5. The system shall allow user search for their entries.

6. The system shall show the date the entries was made

**Non functional requirements**

1. The system shall employ a user friendly interface

2. The system shall employ navigation that makes logging daily entries quick and straightforward

3. The system shall operate with minimal loading time.

4. The system shall provide a clean layout that enhances usability

**Future Enhancements**

1. AI-generated writing prompts based on user preferences.
2. emotion analytics with AI-driven mood insights.
3. Community sharing options for users to post anonymous entries or ideas.
4. Integration with smart assistants (Google Assistant, Siri).
5. Subscription Model: Premium features like unlimited cloud storage, exclusive themes, and advanced analytics.

**Benefits**

* Promotes a consistent journaling habit.
* Helps users reflect on daily activities and track progress over time.
* Offers flexibility with features like reminders and entry customization, catering to diverse needs.

**Limitations**

* Limited functionality
* Requires an internet connection for syncing, which may be inconvenient for some users.
* No audio or voice logging options (if missing).

**Conclusion and Recommendations**

The daily journal excels in providing a simple, effective platform for logging daily entries. Its user-friendly interface and additional tools make it a valuable resource for personal growth and reflection.

Development Report for Daily Journal Mobile Application