**PROPOSAL FOR A DAILY JOURNAL PROJECT**

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**INTRODUCTION**

People in today's world are getting busier by the day, without much time to think about what happens in life and track personal growth. Keeping a daily journal provides one with a candid yet clear tool for self-reflection, achievement of goals, and improvement of one's welfare. By maintaining a habitual record of your thoughts, events, and emotions, you will have a better understanding of your trends, behaviors, and progress that may be taking place. Many people, however, find keeping the habit of journalism cumbersome owing to time constraints, lack of motivation, or confusion on where to begin.

This aims to provide a Daily Journal platform in order to make journalism quite more featured and attractive. The application will guide the user through prompts and an intuitive interface in terms of documenting one's day, reflecting on personal growth, and setting goals for oneself. The recorded journal entry will be not only a record but also a self-awareness and mindfulness tool that cultivates mental clarity and emotional well-being. It helps the user become focused, mindful, and reflective in his personal venture through daily use of the journal.

**PROBLEM STATEMENT**

This project strives to be user-friendly, allowing the freelance intranet to keep up only with the processes of self-reflection and personal development. The guided prompts and structured journalism format could help users understand their thoughts, keep track of their emotional health, and work toward long-term mindfulness and well-being.

**AIMS**

To develop a daily journalism platform that promotes self-reflection, encourages personal growth, enhances user engagement, provides guided prompts for effective journalism, and fosters mindfulness and emotional well-being.

**OBJECTIVES**

1. To provide personalized journalism prompts based on individual user preferences and experiences.

2. To help users track emotional and mental well-being through consistent journalism practices.

3. To enhance user engagement by offering a user-friendly interface and structured journalism format.

4. To encourage users to set and monitor personal goals for growth and self-improvement.

**PROPOSED METHODOLOGY**

The first phase is the collection of data regarding needs and preferences that users will have for the daily journal application. This may include online surveys or focus groups in order to gain information on how users would like to interact with the application. Key issues to be researched in this phase include the periodicity with which users prefer to write in their journals, such as daily or per week; general concerns regarding privacy; The insights from this phase will contribute to building core functionality and the UI itself. With sensitivity to the type of information managed in journalism, privacy will be paramount, and any test users will have to consent to that by following the set standard of data privacy.

The second phase will involve the focus of this team in designing the architecture for the application and planning its key components. This concerns the definition of the UI layout to be used, making it as user-friendly and intuitive as possible. The main screens will include a home screen that displays the list of journal entries, an entry screen where the user will create or edit entries, and a settings screen where users can modify preferences regarding notification timings and privacy. A storage system will also be designed; it will focus on local storage via AsyncStorage to enable offline journaling, with possible cloud synchronization for multi-device use. A feature map will be designed in detail for key functions including entry management, searching and filtering functions, and data visualization.

During the third phase, much of the core functionality development and implementation are focused on the application. Management of journal entries will be one of the priorities, enabling the user to create, edit, and delete entries within the journals. Each journal entry will be stored as a JSON object, with properties for the date, content, and any other metadata. React Native components, such as TextInput for writing and Button for saving, will be in use during the implementation of the entry system. The primary form of local storage will be AsyncStorage, securely saving each entry

This is the final phase, which basically involves extensive testing and debugging to ensure that the experiences of a user within the application are effortless. Testing will involve Android platforms for compatibility and performance. Unit testing tools will be employed on a unit level using Jest to test different components of the app, especially for critical features that involve data storage and retrieval. After internal testing, usability tests with real users help fine-tune the functionality and interface of the app.

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