Project Definition Document
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	Project Summary	Objectives	Scope	Target audience	KEY features		Project Success Criteria
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Project Name: IdeaPulse - Idea Catcher

Project Summary: This project focuses on developing a Progressive Web App (PWA) that enables users to quickly record random ideas such as tweets, titles, projects, research topics… This projects allows users to tag their notes based on mood, time or topic.

The main purpose of the project is to develop a more effective note-taking application. By allowing users to tag their notes, the app aims to make it easier to find specific ideas later. It helps users quickly record thoughts before they forget them and enables them to easily continue working on those ideas in the future.

Objectives:

- User should be able to record ideas with minimal effort
- A tagging system should be implemented
- Provide insights with a time- and mood-based analysis dashboard.
- Permanently store ideas using localStorage.
- Make the app available as a Progressive Web App (PWA).
- A user friendly interface

Scope:

Included:

- Idea entry and listing

- Mood & tag selection
- Insight/statistics dashboard
- Settings (data reset)
- Basic offline support (PWA)

Not Included:

- Cloud-based synchronization
- AI-assisted idea development
- User management/ authentication
- Notifications

Target Audience: This project targets anyone who wants to regularly record and organize their ideas. It is designed for users who seek to bring structure to their thoughts. Examples include students, writers, artists, and entrepreneurs. However, it is not limited to these groups—it aims to serve anyone who wishes to manage their ideas in an organized way.

Key Features (At least 5 items):

1. Quick Idea Entry
2. Tagging System – Ideas can be tagged by mood, time, or topic
3. Simple and Clean Interface
4. Listing idea history
5. Mood and time-based analysis via the insight screen
6. Deleting all data from the settings screen

Deliverables

1. PWA application
2. Project code available on GitHub
3. Documentation: PDF + source files

Project Success Criteria (At least 3 items):

1. All pages (Ideas, Insights, Settings, About) will be fully functional.
2. The user will be able to add new ideas and view past ideas.
3. The Insights screen will display mood analysis charts.