Hackathon Project Phases Template

Project Title:

Stud Bud: "**AI Study Planner**"

Team Name: Jameson

Team Members:

- E.Akshaya

- B.Aashritha Reddy

- B.Vineeth Simha

- D.Naveen Raj

- B.Samanth

Phase-1: Brainstorming & Ideation

Objective:

Develop an AI-powered study planner using gemini to help a person to get a desired study plan **Key Points:**

Problem Statement:

Lack of Structure:

Many students struggle with organizing their study time effectively, leading to poor time management and inefficient learning.

Procrastination:

Students often postpone studying until the last minute, resulting in cramming, stress, and suboptimal retention of information.

Proposed Solution:

An AI-powered application using Gemini Flash to provide study plan finalisation at a peek time.

Target Users:

Students looking for better planning can get their specific study plan based on their level students getting an idea to plan and maintain their valuable time.

Phase-2: Requirement Analysis

Objective:

Define the technical and functional requirements for the AutoSage App.

Key Points:

1. Technical Requirements:

○ **Programming Language: Python**

 ○ **Backend: Google Gemini API key**

○ **Frontend: Streamlit Web Framework**

○ **Database: Not required initially (API-based queries)**

2. Functional Requirements:

○ Ability to fetch study plan details using Gemini API.

○ Display specifications, reviews, and comparisons in an intuitive UI.

○ Provide tips based on basic steps on the planning.

○ Allow users to search their desired subjects based on their level of academics

Phase-5: Project Development

Key Points:

1. Technology Stack Used:

○ Frontend: streamlit

○ Backend: Google Gemini Flash API, react, flask

○ Programming Language: Python

Sprint	Task	Priority	Duration	Deadline	Assigned to	dependencies
Sprint1	Frontend development	high	3 hours (day 1)	End of day 1	D. Naveen Raj and B. Samanth	St. markdown
Sprint2	Backend and	high	5 hours (day 2)	End of day 2	E. Akshaya and B. Aashritha Reddy	ChatGPT
Sprint3	Designing and testing	high	2 hours (day 2)	End of day 2	B. Vineeth	St. markdown and Canva
Sprint 3	Final presentation and deployment	medium	2 hours (day 3)	Mid-day 3	E. Akshaya	ChatGPT

Final Submission

1. Project Report Based on the templates

3. GitHub/Code Repository Link

4. Presentation