**Statement of Work**

**1.Project Title:** StudyFlow

**2.Overview:**

The Smart Studying Assistant is a personalized learning platform designed to enhance the educational experience for students by leveraging advanced technologies like AI. The platform integrates intelligent document summarization, Files and Document Management, personalized study plans, progress tracking, and smart task management. It allows students to input their academic courses and self-study goals, and provides personalized study plans and summaries based on their current knowledge and preferences. The system will also incorporate a chatbot for academic assistance, adaptive revision tools.

**3.Objectives:**

* Develop a personalized learning assistant that adapts to each student's academic and self-study needs.
* Enable efficient input and management of course materials, generating summaries and study plans.
* Integrate an intelligent chatbot that assists students by answering queries and searching for relevant resources.
* Implement progress tracking with course milestone tracking.
* Design a smart to-do list that prioritizes tasks by adding and managing tasks.
* Draft a calendar or scheduler that integrates with the to-do list, ensuring all deadlines, tasks, and study sessions are organized in one place to minimize variations and streamline task management
* Provide notification system to boost user productivity.
* Ensure a user-friendly UI/UX with customization options.
* Decrease the distraction of students.
* Boost the academic performance of students through personalized learning paths.

**4.Scope:**

**4.1 Lectures and Text summarizing**

* Assess the student’s by summarizing Lectures and articles to help identify the key points in the text in a well formatted structure

**4.2 Intelligent Document Assistant**

* Allow students to upload lecture notes, slides, or other materials.
* Allow user to generate summaries from the provided documents.

**4.3 Personalized Study Plans**

* Create custom study plans that adapt to the student’s knowledge, learning speed, and course milestones.

**4.4 Smart To-Do List**

* Develop a smart task manager that prioritizes tasks based on urgency and academic deadlines.
* Task entry and automatic task prioritization.

**4.5 Chatbot Assistance**

* A chatbot that answers questions related to course content, using provided documents and external sources.
* Integrate a search function for the bot to find information beyond the user-uploaded content.

**4.6 Notification System**

* Notify students about upcoming deadlines, unfinished tasks, and daily study goals.

**4.7 UI/UX and Customization**

* Design a user-friendly interface for both mobile and Web platforms.
* Allow users to customize their app experience.

**5.Deliverables:**

* Fully functioning mobile app and responsive web platform.
* User profile and knowledge assessment tools.
* Document assistant for summarized content generation.
* Personalized study plan.
* Smart to-do list.
* Scheduler that organize tasks.
* Chatbot for academic assistance.
* Progress tracking and notification system.
* Engaging UI/UX .

**6.Acceptance Criteria**

* The platform should allow users to easily upload and manage their academic courses and documents.
* The platform should allow users to summarize PDF files and text in general
* The chatbot must provide relevant and accurate answers based on uploaded data and external sources.
* Personalized study plans should adapt to user progress and provide clear milestones.
* The smart to-do list should correctly prioritize tasks
* Users should be able to track their progress.
* The app and web interface should be responsive, user-friendly.