Brainstorming Report of Project

-> **Initial Discussions :** Once the groups were assigned, the team convened for an initial meeting to propose potential topics for the project. Several ideas were suggested, including:

- Image Enhancer
- Transportation Management System
- AI-Powered Fitness Tracker
- AI-Powered Diary Writer
- Time Tracking System

->After evaluating the relevance and applicability of these ideas, the team concluded that the **Time Tracking System** would be the most impactful. The rationale was that in the current technological era, while efficiency has significantly improved, the likelihood of distraction has also increased. A time tracking system, therefore, directly addresses a pressing need.

Brainstorming Session :

-> During the subsequent lab session, the team conducted a formal brainstorming exercise to outline desired features and use cases. Each member contributed valuable insights, which were consolidated into a list of provisional features:

1. Allow users to select the duration of the session to be tracked.

2. Request the type of session (e.g., study, research), enabling the AI to distinguish between productive and distracting applications.

3. Provide functionality to add, delete, and edit tasks or projects.

4. Define clear criteria to classify activities as work or distractions.

5. Offer privacy controls, such as the ability to disable auto-tracking for specific websites.

6. Ensure cross-platform compatibility.

7. Generate AI-driven and graphical reports on usage, distractions, and efficiency.

8. Enable billing and invoicing (e.g., for project managers assigning tasks to freelancers, with invoices based on tracked hourly data)

->Additional Feature Proposals Further suggestions included:

● Excluding inactive applications from the tracked data.

● Offering extended data history to premium members compared to non-premium users.

● Providing daily, weekly, and monthly recaps.

● Supporting multiple currencies across different time zones.

● Refining criteria for distinguishing between productive work and distractions.

->Outcomes of the Session:

The brainstorming process resulted in a clear preliminary vision for the project. This provided a foundation for drafting both Functional and Non-Functional Requirements, which would guide the subsequent phases of development.

Task Allocation :

-> To streamline development, tasks were distributed among team members across three primary areas:

- Frontend Development
- Backend Development
- Testing

Tech Stack :

-> Framework and tool selection was another important outcome of the session. For scalability, the team chose the **MERN Stack** as the foundation for the web application. For mobile development, there was an initial debate between Kotlin and React Native. Given the decision to use React for the web application, the team agreed on **React Native** to ensure consistency and efficiency in development across platforms.