**SPL2 Project Proposal Form, 2024**

**Institute of Information Technology (IIT)**

**University of Dhaka**

| **Student’s Name:** | **Abdus Salam Islam Badhon, Md Nahidur Rahman Nahid** | | |
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| **Project Title:** TimeWise: Time and productivity management  **Motivation:** A study by McKinsey found that efficient time management boosts productivity by 25%. Also a research by Gloria Mark (University of California, Irvine) reveals that frequent task-switching reduces productivity, with interruptions occurring every 3 minutes.TimeWise aims to address these issues by helping users focus, reduce distractions,manage time and improve task management.  **Project Description:** TimeWise is a Progressive Web APP(PWA) designed to enhance productivity through efficient time and task management.It will have different features like the following:  **Normal Features:**  **1. User management:** Managing user’s accounts for personalized experience along with authentication and authorization.  **2. To-Do Lists:** Organize daily tasks and small activities for achieving daily goals. Like breaking down the goal of learning a technology to some chunks of tasks.  **3. Progress Tracking:** Users can set high-level goals based on specific categories, such as learning a new language, mastering a technology.Users can maintain progress toward goals with real-time tracking.  **4. Reminders & Notifications:** Sends timely reminders to keep users on track with their plans.User can set customizable reminders.  **5. Showing Stats:** Users will be able to see relevant statistics about his/her performance and participation.  **6. Performance Tracking:** Users can track their performance and make necessary adjustments to improve productivity.    **Exciting Features:**  **1. Deep work tracking :** Users will be able to see in which time span users can perform better.  **2. Collaborative and competitive environment:** Users will be able to share their goals and plans with others. They can evaluate their performance with respect to others.  **Strategy & Timeline:** Our strategy is to break down the project into distinct components and develop the independent parts concurrently. For the interconnected modules, we'll employ a collaborative strategy, using pair programming to ensure smooth integration and mutual problem-solving. Both of us will participate in development of the frontend and backend part.  **Gantt Chart of timeline of activities:** | | | |
| **Languages or Tools to be used:** Spring Boot, MongoDB, Next js, Selenium, Postman, Github, Docker | | | |
| **Supervisor’s Name: Mridha Md. Nafis Fuad**  **Signature of the supervisor:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | | | |
| **References:**  **1)McKinsey Productivity Report:**[**https://tinyurl.com/bddc2s7t**](https://tinyurl.com/bddc2s7t)  **2)Gloria Mark's 2023 book, *Attention Span:*** *A Groundbreaking Way to Restore Balance, Happiness, and Productivity* | | | |
| **Before the Midterm Presentation 1:**  I confirm that the progress is satisfactory and I am forwarding it for midterm presentation.  **Signature of the supervisor:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | | | |
| **Proposal Presentation Feedback (if any) :**  **Midterm 1 Presentation Feedback (if any) :**  **Midterm 2 Presentation Feedback (if any) :** | | | |