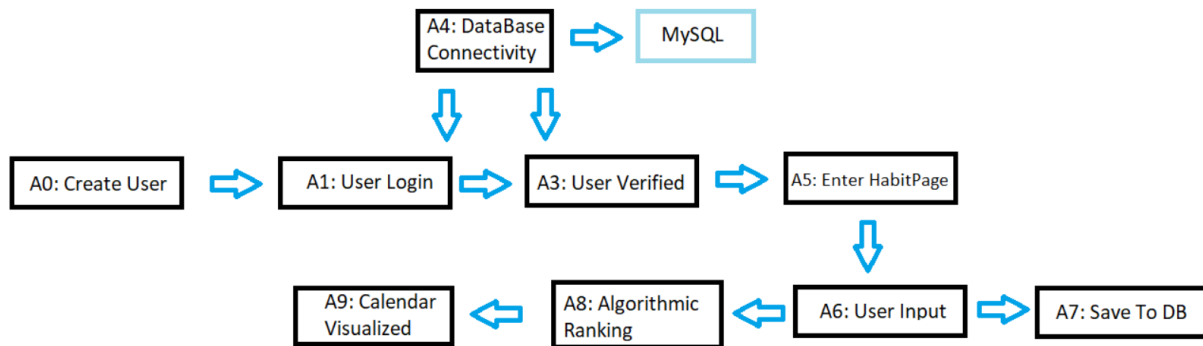


Schedule PDF

Group: Pranay, Amraj, Shahab, Thor, Harsh

Network Diagram



The project workflow, shown in the network diagram, starts with creating a user (A0) and moves through steps like login (A1), verification (A3), and entering habits (A5 and A6) before finally saving everything to the database (A7). Supporting tasks like database connectivity (A4) and calendar visualization (A9) help complete the system. Based on the dependencies, the critical path is $A0 \rightarrow A1 \rightarrow A3 \rightarrow A5 \rightarrow A6 \rightarrow A7$, since each of these steps depends on the previous one and any delay here would hold up the entire sprint.

To keep the sprint on track, we made sure to focus most of the attention on the critical path tasks, testing the login and database connection early to avoid surprises later. Tasks like ranking and visualization are still in working but handled in parallel to save time. When delays did happen, mainly around user input and saving to the database, they slowed everything else down. That taught us how important it is to spot dependencies early, prioritize the key steps, and keep communication open between the front-end and back-end work so the sprint stays on schedule.

We prioritized the login system, user registration and database functionality because they are our foundation for our application to work. These core aspects ensure that our next sprint will move smoothly once resources are available to work on our calendar visualization and algorithmic ranking system.

Tasks carried over to Sprint 3 include calendar and algorithmic visualization, which will be implemented over the course of two weeks.