**Project Scheduling**

**Project Start Date: April 29, 2024 (Monday)**

**Project End Date: October 4, 2024 (Friday)**

The above dates are given assuming there will be 40-hour work weeks, with expectations to work 8 hours per day. Additionally, weekends will not be included in the schedule. Given that the estimated effort for the project is 45 person-months and there are 8 team members, it can be estimated that each person-month corresponds to roughly 160 hours of work for a standard 4-week month. This gives a total of 7200 working hours (45\*160), meaning 900 working hours per team member. The project duration is given by 7200 hours/(8 members \* 40 hrs/week) = 22.5 weeks, which is rounded up to 23 weeks for simplicity.