Please submit a tentative weekly timeline for your project. Also please state what each member of the group is responsible for.

Group Members: Nicholas Tsilimidos, Rachael Oyenola, Saimanikanta Reddy

Project Timeline — Predictive Infrastructure Monitoring Dashboard

Oct 18–20 Finalize architecture and VM specifications before Zabbix implementation

Oct 20–24 Create 3 VirtualBox VMs (1 Zabbix Server, 2 Monitored Clients)

Oct 24–27 Install Zabbix Server, frontend, and database

Oct 27–30 Install Zabbix Agents on both monitored clients

Oct 30–Nov 3 Enable monitoring of CPU, memory, disk, and network metrics

Nov 3–7 Configure alert thresholds and trigger rules

Nov 7–10 Set up email notification system for alerts

Nov 10–14 Build live monitoring dashboard with visual widgets

Nov 14–18 Add predictive trend/forecast panels

Nov 18–22 Perform failure simulation to validate alerting and recovery

Nov 22–26 Draft setup documentation and implementation guide

Nov 26–Dec 12 Review and polish phase, finalize report/slides/demo, and record video presentation

Note: This timeline reflects the project's progression and may shift as technical challenges develop, or improvements are needed. Adjustments will also be made to maintain quality while meeting project goals. All project steps will be completed collaboratively, with each member taking the lead where suitable based on availability and technical familiarity. Examples of tasks include VM setup, dashboard configuration, documentation, and presentation run-through.