



Software Project Management Lab 4

Faculty of Engineering and Applied Science

SOFE 3450U: Software Project Management | CRN: 74013| Section: 001

Due: March 19th, 2024

Group 4

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High risk activities:

- Learning phase:

If learning the new software that is needed to build the demo is more complex than estimated/takes longer/more effort → also affects building because knowledge of softwares is essential to start.

- Building phase:

Performance risk; if the build is not progressing as expected based on design.
Labor/personnel shortage; if a team member who is assigned significant responsibility has a personal emergency or gets stuck on a task

Countermeasures:

- Learning phase:

Assign backup software for each component: if the software we want to use is too complicated to learn or will take too long to learn, we can assign backup options we can try to learn instead.

- Building phase:

Assign backup roles by using the buddy system; each person will have a primary task/responsibility and will also be assigned as a backup member for another person/task in case someone has a personal emergency or is struggling with their task. Backup team members should maintain high communication with the primary.

Resources:

Mostafa Abedi - main database developer, backup frontend and backend developer

Rhea Mathias - main backend developer, backup database developer

Rivka Sagi - main frontend developer, backup database developer

Activities:

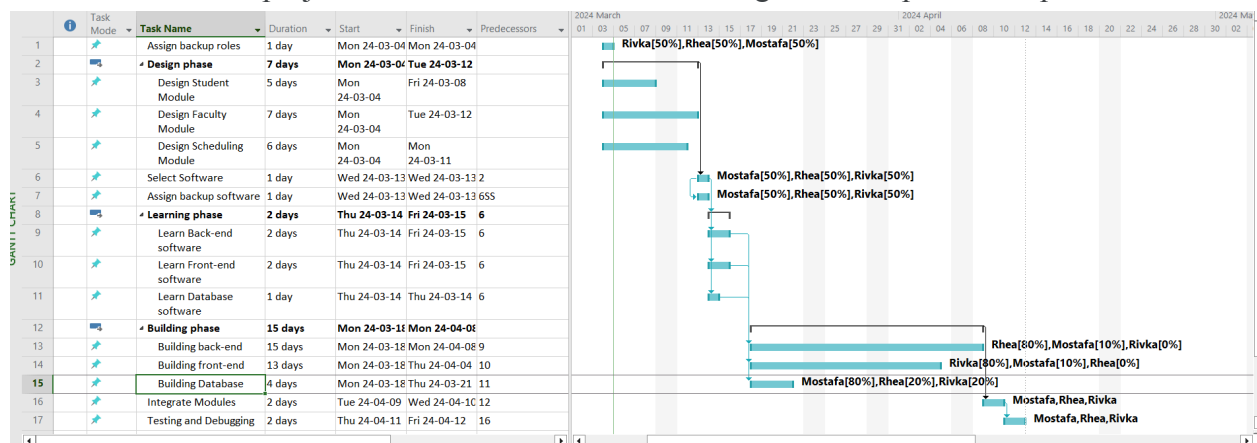
Note: Countermeasures listed above were converted to activities and are listed in bold.

- **Assign Backup Roles:** Mostafa, Rivka, Rhea
- Design Student Module: Mostafa, Rivka, Rhea
- Design Faculty Module: Mostafa, Rivka, Rhea
- Design Scheduling Module: Mostafa, Rivka, Rhea
- Select Software: Mostafa, Rivka, Rhea
- **Assign Backup Software:** Mostafa, Rivka, Rhea
- Learn Back-end Software: Mostafa, Rivka, Rhea

- Learn Front-end Software: Mostafa, Rivka, Rhea
- Learn Database Software: Mostafa, Rivka, Rhea
- Build Back-end: Primary Rhea, backup Mostafa
- Build Front-end: Primary Rivka, backup Mostafa
- Build Database: Primary Mostafa, backup Rivka, Rhea
- Integrate Modules: Mostafa, Rivka, Rhea
- Testing and Debugging: Mostafa, Rivka, Rhea

Gantt Chart Screenshot:

Note: the microsoft project file will also be submitted alongside the report in a zip file.



Gitub repository:

<https://github.com/Mostafa-Abedi/Scheduling-Feedback-Management>