

CPS-714 Lab 1

Description of the Lab

Assign roles based on skills and interests, prioritizing project management responsibilities.

Each team member must submit to D2L one Team Formation Report including:

1. Each member's technical skills, background and their assigned role.
2. A description of how project management will be handled, including the use of tools (e.g., ClickUP, Zoho, Microsoft Project, (Google Drive, Discord,etc.)).
3. A brief explanation of how the team's structure supports the project's success.

Members

Name	Email	Role
Parneet Singh	parneet.singh@torontomu.ca	PM Front-end
Sarim Shahwar	sshahwar@torontomu.ca	Team Member Back-end
Omer Zulfiqar	omer.zulfiqar@torontomu.ca	Team Member Front-end
Hamza Malik	Hamza.ejaz.malik@torontomu.ca	Team Member Front-end
James Tampu	james.n.tampu@torontomu.ca	Team Member Back-end

Strengths

Name	Technical Skills
Parneet Singh	Python, Java, C, C++, HTML/CSS, JavaScript, SQL, Microsoft Office, Google Workspace
Sarim Shahwar	HTML/CSS, JavaScript, Java, SQL, TypeScript, C, Verilog, VHDL, UML, Python, SolidWorks
Omer Zulfiqar	Python, Java, C, C#, C++, HTML/CSS, JavaScript

Hamza Malik	HTML · CSS · JavaScript · C# · C++ · Python · Java · SQL · SolidWorks · ThinkerCad · Arduino · Circuit lab · Matlab
James Tampu	Python, SQL, Java, JavaScript, C/C++, Rust

Description of Management

Tools Used

Discord will be used for all communication. We will set a regular schedule for virtual meetings in order to collaborate and fix any issues which arise.

We will use google calendar to set a schedule in order to make sure deadlines are met.

Google drive will be used in order to allow access to every document.

Github will be used to make sure everyone can access the program which we are collaborating on.

Team Success

We have members who have great experience and skills in their assigned role whether it be front end or back end. The team is organized in a way where the communication between the members working on front end and back end will be seamless. There will be regular meetings and a shared calendar in order to facilitate effective communication as well as ensuring that the project manager is leading the group in a good direction. Any issues which arise will also be dealt with throughout the team meetings.