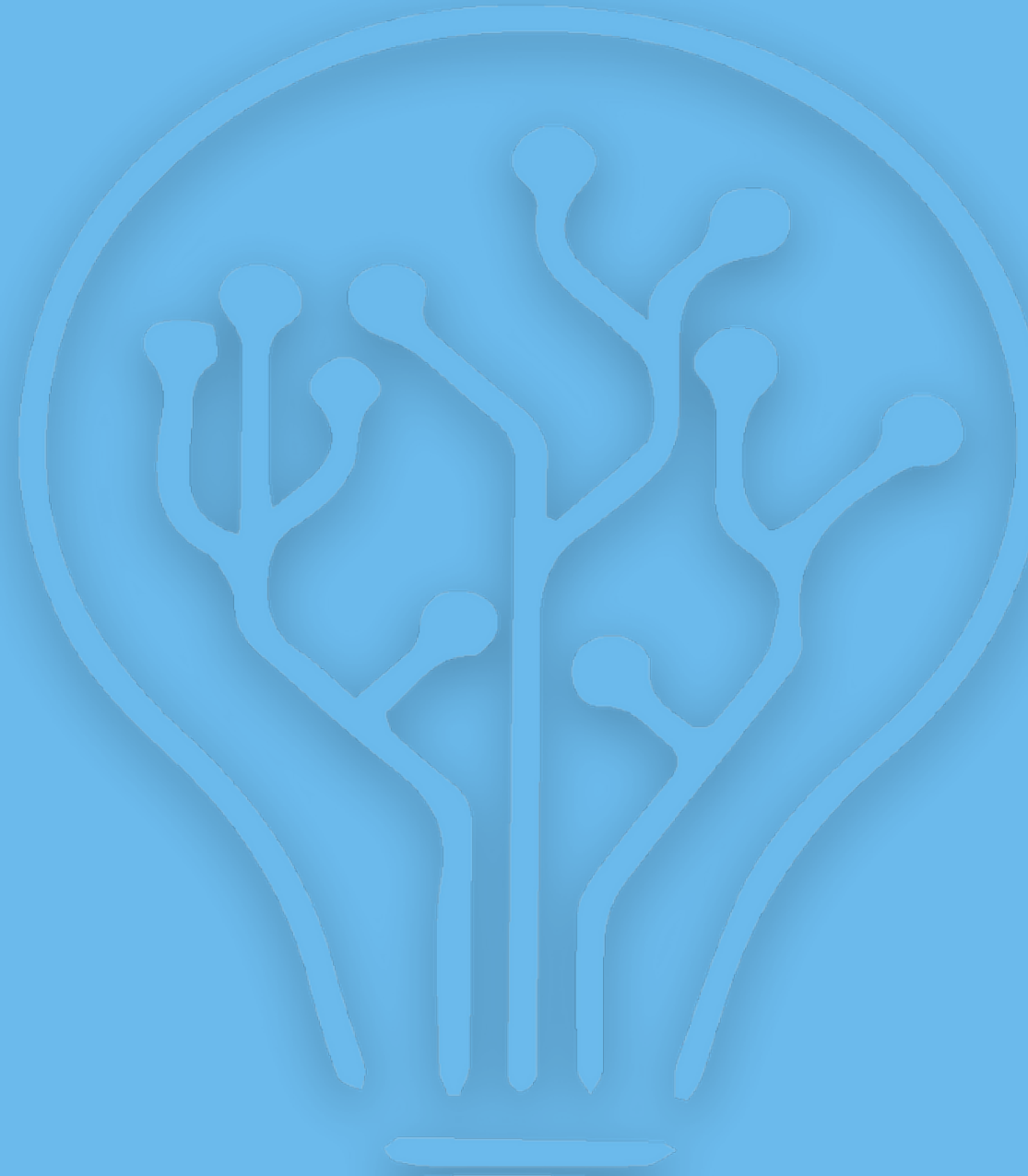




NTUSU INFORMATION TECHNOLOGY COMMITTEE



WHAT DO WE DO?

The Information Technology Committee (ITC) helps to assist other committees' initiatives by providing customised IT solutions and support for their events and operations.

Some IT platform we manage are:

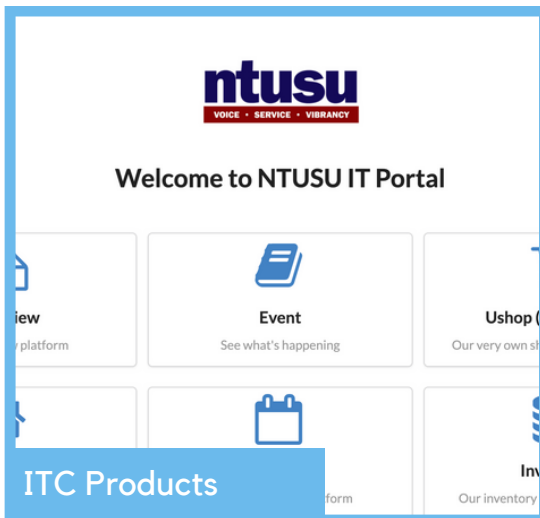
- U-Facility
- U-Inventory



KEY EVENTS/ PROJECTS



Coding Workshop

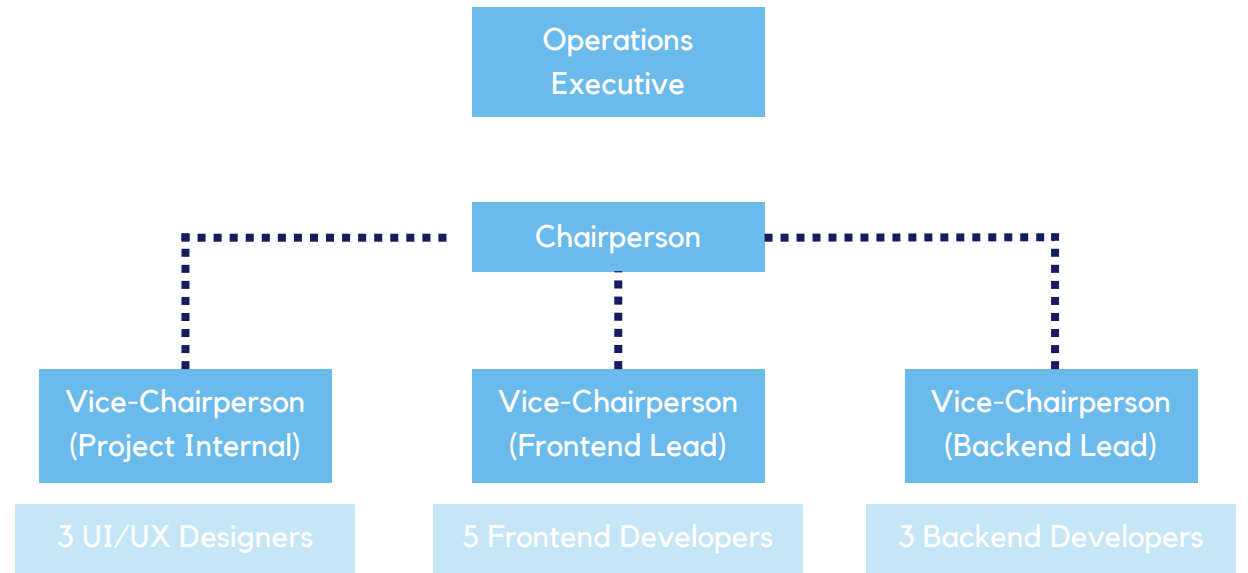


ITC Products



Committee Meeting

HOW WE WORK



Chairperson

- **Oversee** the successful execution of committee projects.
- Perform **code reviews** and **assist divisions** as needed.
- **Liaise** with the Operations Executive and external stakeholders, and manage DevOps practices and deployment using AWS.

Vice Chairperson (Frontend Lead)

- **Responsible** for monitoring and error tracking of web systems.
- **Maintain and review** the backend codebase.
- **Lead, supervise, and provide guidance** to backend developers and serve as Treasurer for financial responsibilities.

Vice Chairperson (Backend Lead)

- **Responsible** for frontend configuration setup and deployment.
- **Maintain and review** the frontend codebase.
- **Lead, supervise, and provide guidance** to frontend developers and oversee comprehensive documentation.

Vice Chairperson (Product Manager)

- **Responsible** for overall project management and setting product requirements.
- **Liaise** with other lead committees and external stakeholders regarding product requirements
- **Lead, supervise, and provide guidance** to UI/UX designers and serve as Secretary for meeting-related tasks.

ROLES & RESPONSIBILITIES

ROLES & RESPONSIBILITIES

Front End Developers

- Develop responsive web applications and reusable components with **React & Tailwind CSS**.
- Perform **bug fixes** and improvements in the frontend codebase.

Back End Developers

- Develop well-designed database models and API endpoints using **Python (Django REST Framework)**.
- Perform **bug fixes, create unit tests, and improvements** in the backend codebase.

UI/UX Designers

- Create **Figma wireframes and prototypes** with well-designed user interfaces and user experience.
- Perform **app testing and quality control**.

FREQUENTLY ASKED QNS

What are the tech stacks used?

This is the current tech stack (per 2023) and may change in the future: Wireframing: Figma; Version Control System: GitHub; Frontend: React (with Typescript), TailwindCSS; Backend: Django REST Framework; Database Management System: MySQL; Cloud Infrastructure: AWS

Do I need prior knowledge or experience to join?

We warmly welcome individuals who are eager to learn and grow with us. While prior experience is not mandatory, having a basic understanding of the tech stacks mentioned would be helpful. Our committee provides a supportive and inclusive environment where you can develop your skills. With real projects and the guidance of our team members, you'll have the opportunity to apply your knowledge and further refine your abilities.

What are the workload and commitments expected from me?

We usually have a weekly meeting with about a few hours worth of tasks per week. The time is very flexible and you can work with the tasks at your own pace. Rest assured that there will be no meetings/tasks assigned during the exam period.

I have other questions, how do I find out more about the committee?

You can reach out to us via email at su-itc@e.ntu.edu.sg if you have any further questions.