



University of
Sheffield

COM1001 SPRING SEMESTER
Professor Phil McMinn
p.mcminn@sheffield.ac.uk

Introduction to
**COM1001: Introduction to Software
Engineering – Spring Semester**

Today's attendance code: XX-XX-XX

Welcome!



Phil McMinn
Lectures & Labs



Donghwan Shin
Team Project

COM1001 Spring Semester

Developing a **web application** in **Ruby**, using **Sinatra**

With **SQLite relational database** backing using **Sequel**

Testing those web applications using **RSpec**

...applying software engineering techniques taught in lectures...

... in teams.

Course Materials

Blackboard – <https://vle.shef.ac.uk>

- Links to Codio and course materials on GitHub
- Encore lecture captures
- Discussion Forum

GitHub – <https://github.com/UoS-COM1001/com1001-2025-26-spr>

- Overall schedule of the module (taught content and deadlines)
- Lecture slides
- Code examples
- FAQs – technical and project
- Instructions for setting up Codio for the Spring Semester

GitLab – <https://git.shefcompsci.org.uk/com1001-2025-26/teamXX>

- Your team project's Git repository
- Replace XX in the URL with your team's **two digit** number (01, 02, etc.)

Important Times

Lectures on Tuesdays, 11-1pm (Church)
& Wednesdays, 12-1pm (Diamond LT3)
Weeks 1-5, 8

With this module the lectures are front-loaded so you have all the technical knowledge that you need for the group project.

Scrum Meeting on Tuesdays, 3-4pm (Diamond CR3 & CR5)
Weeks 1-11

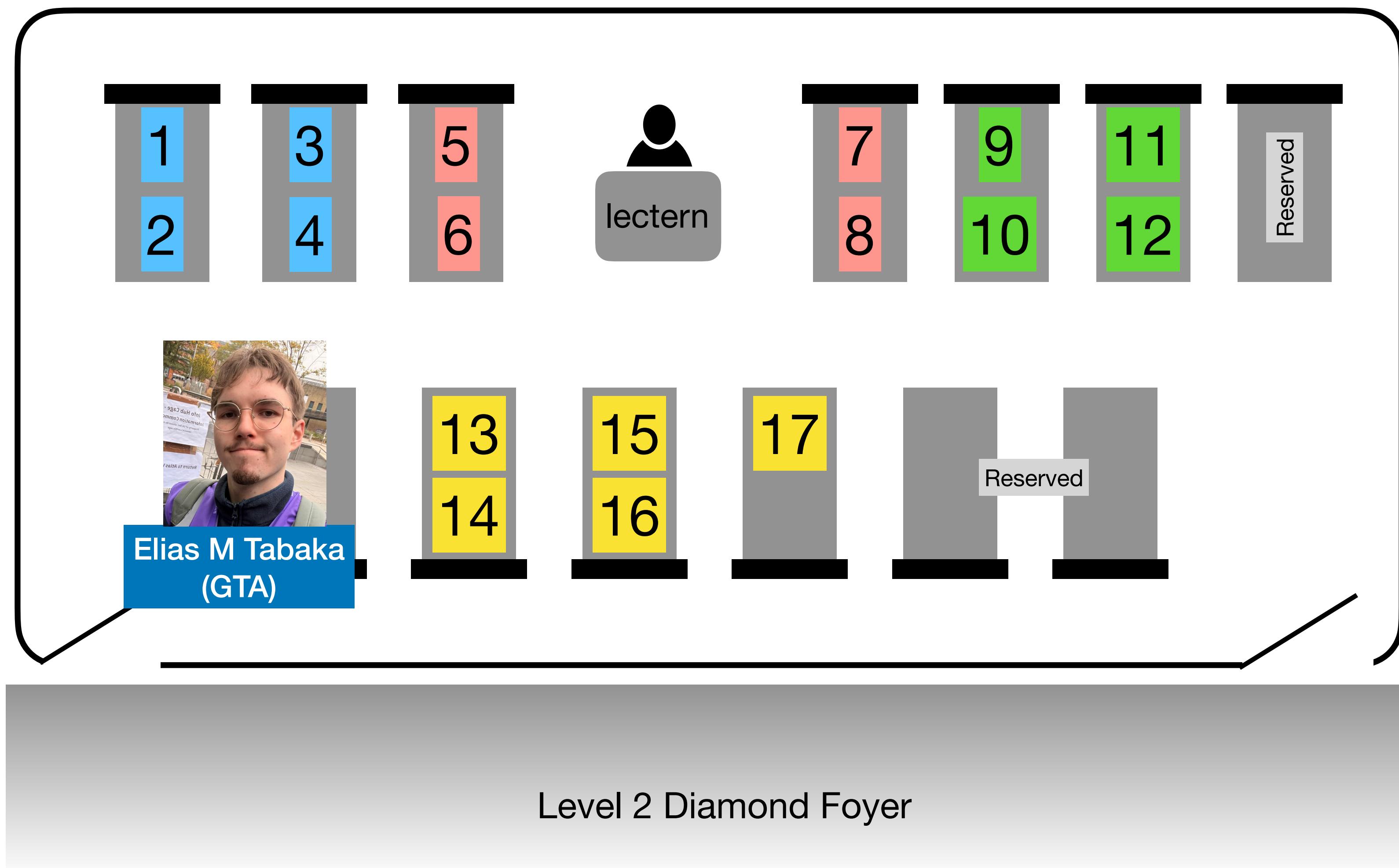
Practical Session on Thursday – 3-4pm
Team Code Jams, Practical Challenges
(Diamond CR3 & CR5)
Weeks 1-5

Drop-in Group Project Help
(Diamond CR3)
Weeks 6-11

Practicals – Week 1-5

- **Code jams** – sit with your teams and develop based on the course materials that week.
- **Teams 1-17** – Diamond Computer Room 3
- **Teams 18-38** – Diamond Computer Room 3
- You're *not* expected to develop material ahead of the lectures.
- Remember there's a team element to learning as well.

Code Jams – Seating Plan – CR3



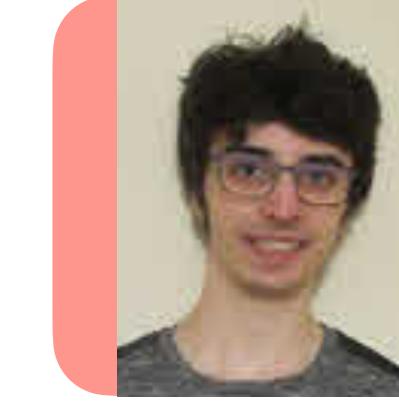
Demonstrators



Alex McLeish



Charlotte McGhee

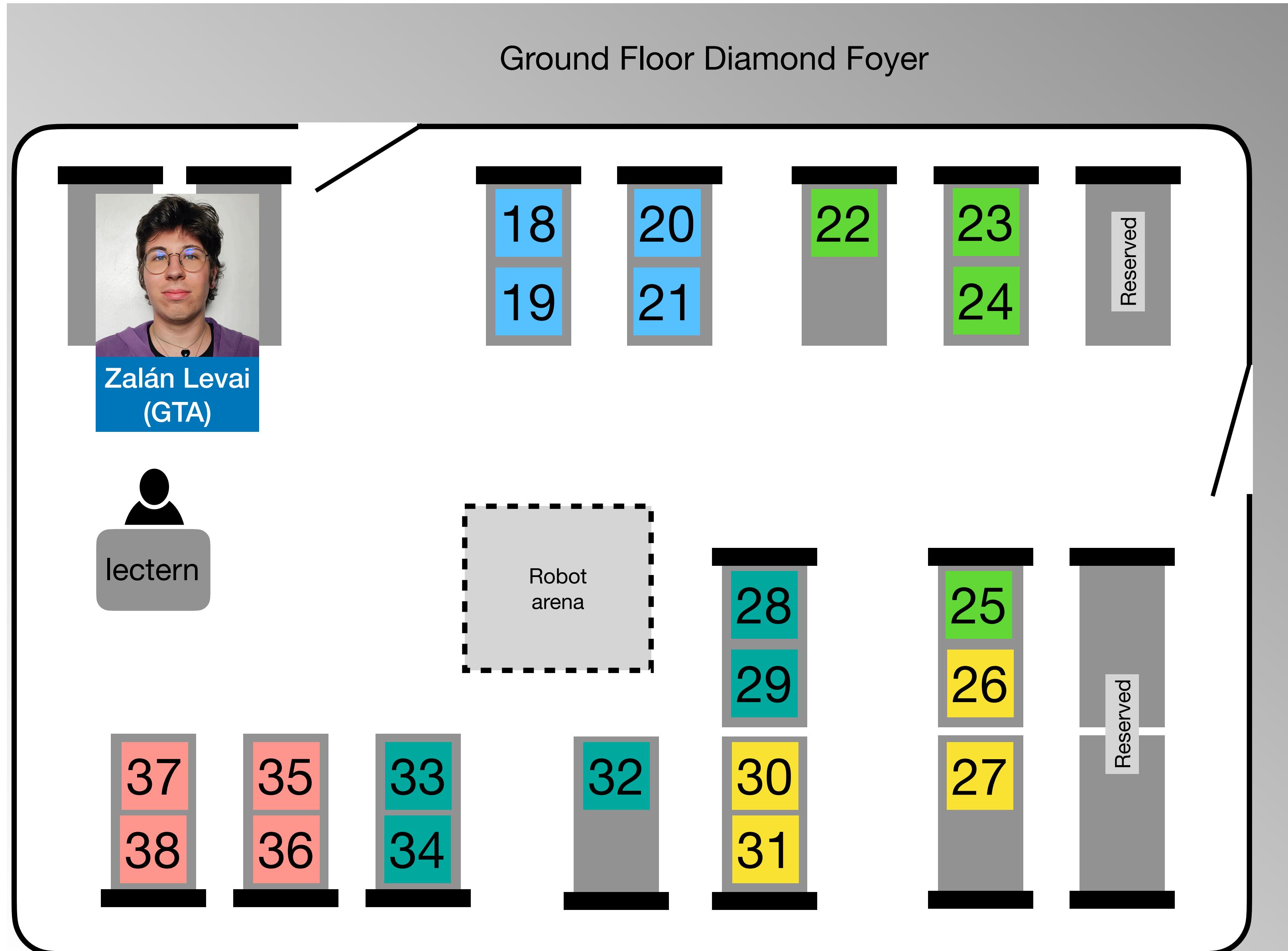


Dylan Bardell

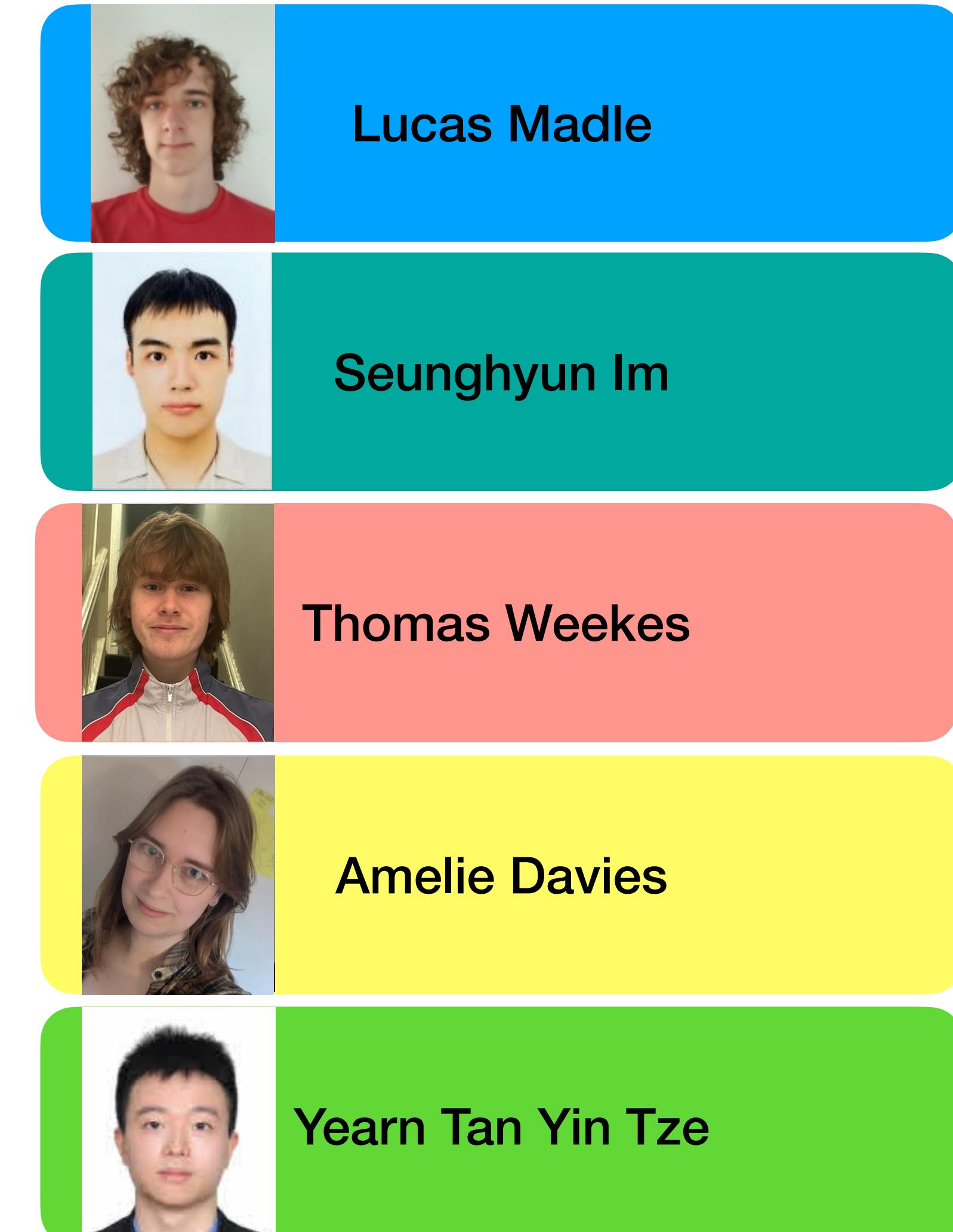


Esther Mbugua

Code Jams – Seating Plan – CR5



Demonstrators



Getting Started With Codio in the Spring Semester

<https://github.com/UoS-COM1001/com1001-2025-26-spr/blob/main/setting-up-codio.md>

Next Time...

Is SOFTWARE ENGINEERING **DEAD?**

AI

THE FUTURE OF TECH JOBS!

AI & SOFTWARE DEVELOPMENT!
WILL YOU SURVIVE?