



University of  
Sheffield

**COM1001 SPRING SEMESTER**  
Professor Phil McMinn  
[p.mcminn@sheffield.ac.uk](mailto: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**

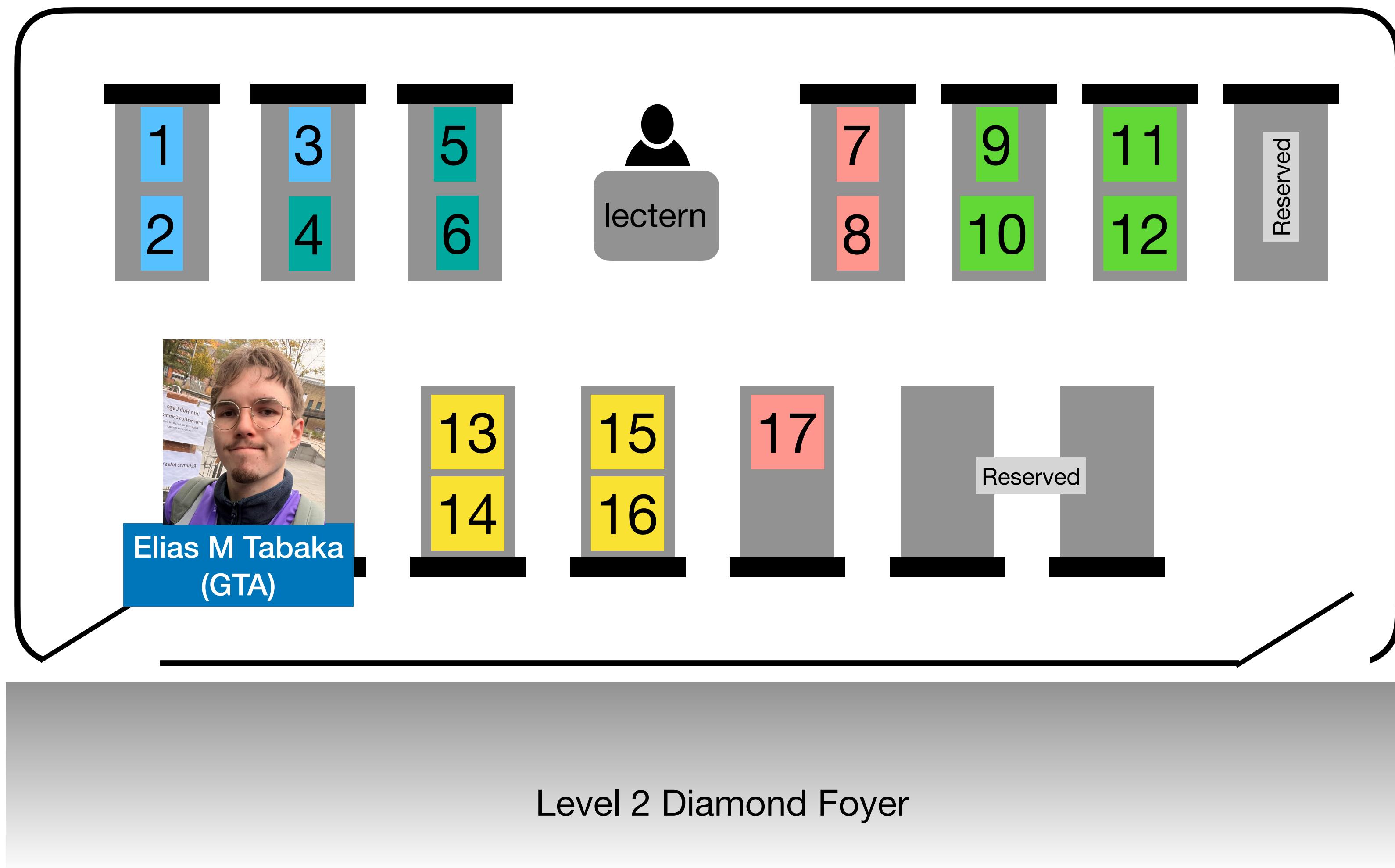
**Practical Session** on Thursday – 3-4pm  
*Team Code Jams, Practical Challenges*  
**(Diamond CR3 & CR5)**  
**Weeks 1-5**

*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



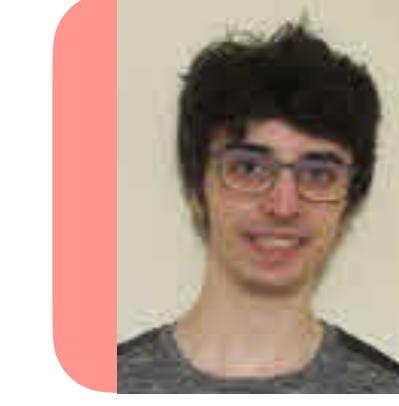
## Demonstrators



Alex McLeish



Charlotte McGhee



Dylan Bardell

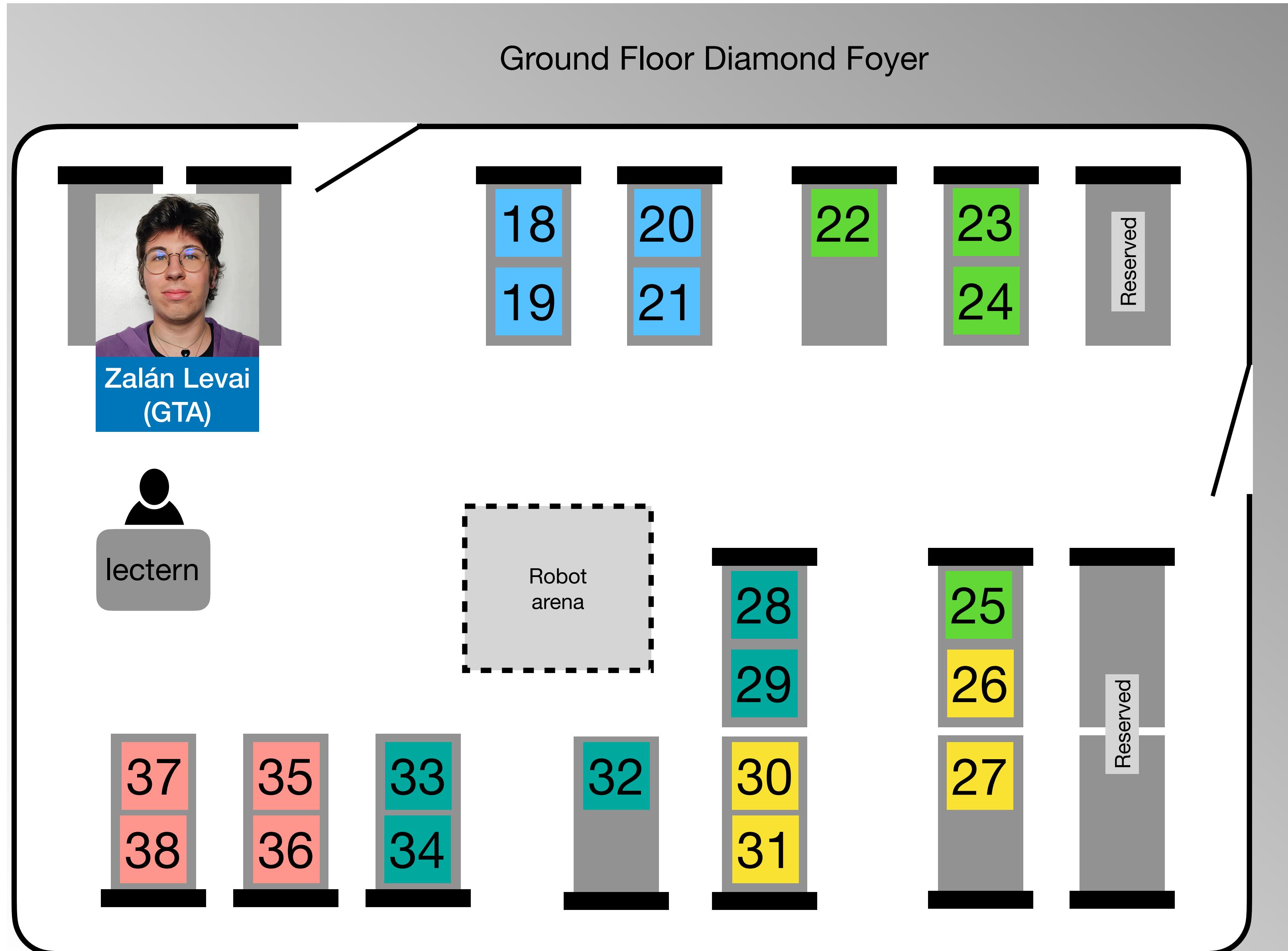


Esther Mbugua

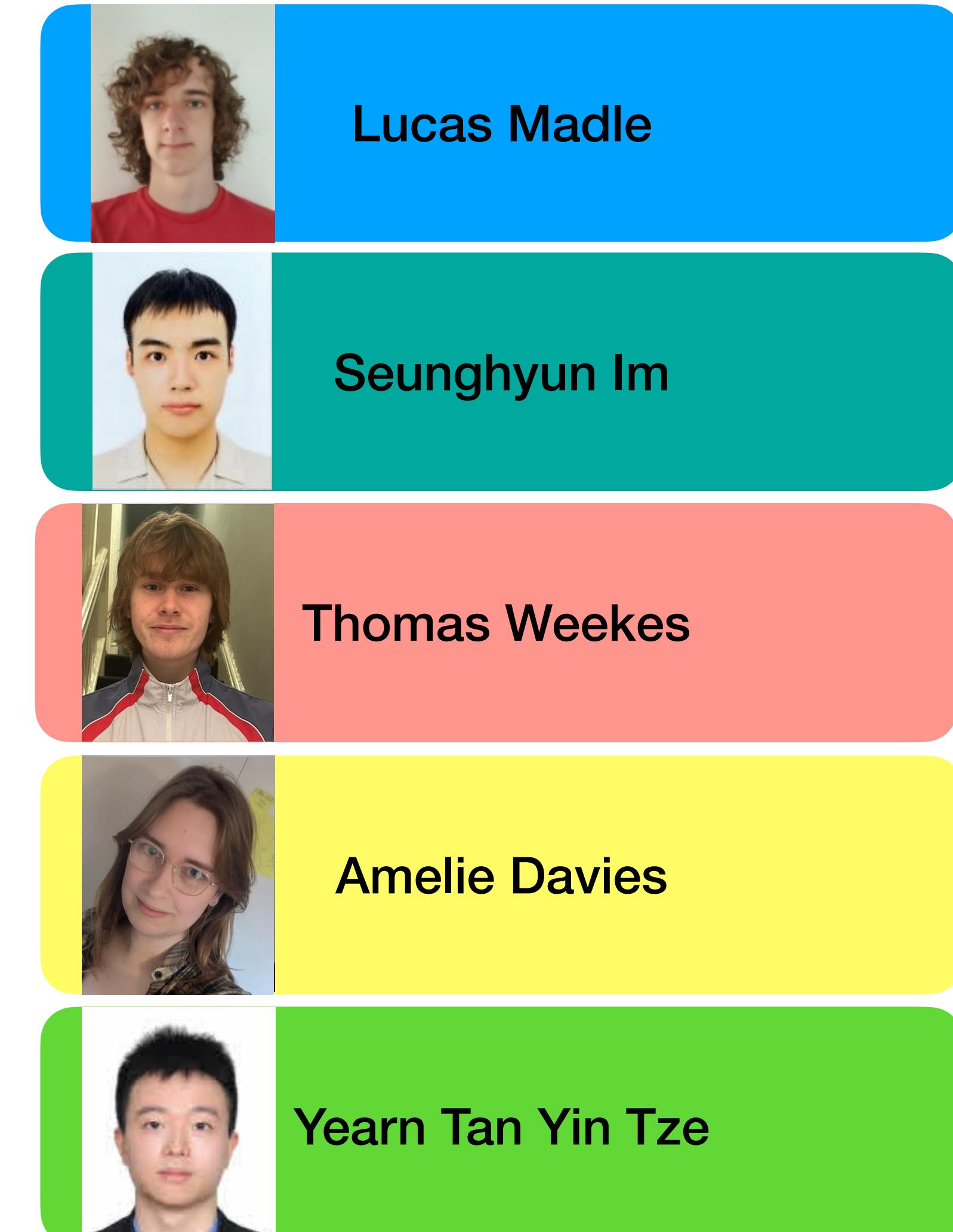


Jacob Campbell

# 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?