**Year 3 Computer Elective Programme**

**Weighted Assessment 4 (55%)**

**Due: Term 4 Week 1**

## Project Requirements

This weighted assessment allows for either individual submission or two-man team submission.

You are required to submit a Flask web application that features use of multi-table database and user authentication.

## Milestone Submissions Required

Term 3 Week 4 (worth 1%)

* Team info and preliminary project description via this [google form](https://forms.gle/wLszSmtYwXt4PdnH7)
  + Ensure that your project idea fulfils these requirements
    - is a web app that utilizes flask
    - Require more than one table with relationships (one to many or many to many) between the tables. You will need to ensure that your database table design is normalized to 3NF.
    - Should cater to multi-user accounts with basic authentication

Term 3 Week 5 (2%)

* Proposal – submit on Ivy
  + What will your app do? What features will it have?
  + What new skills will you need to acquire? What topics do you need to research on?
  + In the world of software, most everything takes longer to implement than you expect. Hence, it’s not uncommon to accomplish less in a fixed amount of time than you hope. What might you consider to be a good outcome for your project? A better outcome? The best outcome?

Term 3 Week 6 (2%)

* Screen-design wireframe – submit on Ivy

Term 4 Week 1 (Final submission – 50%)

* Outline of work distribution between team-mates
* Entity-Relationship diagram
* Video recording of the app features (between 5 – 10 mins)
* Your source-code + requirement.txt file
* Individual work contribution and learning reflection document.