Table of Contents

[Introductions 2](#_Toc78967368)

[Sharon Mythen 2](#_Toc78967369)

[Michael Stewart 2](#_Toc78967370)

[Questions 2](#_Toc78967371)

[Actions 3](#_Toc78967372)

# Introductions

## Sharon Mythen

- works at UWA, in teh planning team and support schools of engineering, and phsyics and computing

- works a lot with study plans

- the issue: its a very manual process

- there is a database managment system called Kadie (?)

- all info goes into db

- can be exported to a spreadsheet (unit code, name, unit coordinator, availability of unit s1/s2, learning outcomes, unit rules)

- unit rules

- study this unit before you can enrol in that unit

- hope is that we can develop an interactive visualisation of hte study plan

- click and drag units (what happens if this goes into S2? does that work? no, its a s1 unit)

- be use to students to plan course of study

- academic staff to ensure the plan is reviewed

- might discontinue units / add new units

- cutting and pasting a work document

- scope for human error is large

- at the end of the day, its a drag and drop study planner

- start with 1 course and get it working

## Michael Stewart

- Post doctorate research at UWA

- Its about databases, and designing interfaces

- Coming on as a mentor / guidance. Direct us towards db design and technologies we can use.

# Questions

- what is the database management system? Kadie?

- any examples? No, we will design it together

- no need for access differences / its kind of like a playground

- would there be a way to adjust availability of a unit?

- meeting frequency:

- Every week is fine for the next couple of weeks, then...

- meeting every 2 weeks to show stories

- Wednesday mornings

- language to use:

- use react for front end

- the back end... flask / express / whatever

- data being provided - Excel spreadsheet

- Unit code, title, role, availabilities (online, f2f)(simplify, data

cleanup), outcomes, [prerequisites, advisable prior study, corequisites

(unit must be studied at the same time, or beforehand),

incompatibilities (least worried about this, remove this column for now)]

- study plan

- purple is pre-requisites / conversion -> may do all or 1 of them (why only 1?)

- white is core units (8 of them in MiT)

- OPTIONS are identified in a table, taken from a prescribed body of

knowledge, not all units.

- will this be a website?

- this will be a link to a webpage

- key constraints

- unit availablility: s1? s2? both?

- prerequisites: can the unit acutally take the unit? warning triangle, cannot take here because missing prerequisite

- type of unit: core / option / conversion

- within unit code: level 4/5. generally you want to do 4 before 5, its not always possible

- is the student commencing in semester 1 or semester 2?

# Actions

- Sharon to send excel spreadsheet

- PDF study plans

- 4 of them

- sem 1 commencing

- sem 2 commencign

- 2 year with conversion

- 1 1/2 year without conversion

- meeting next week 10am