**CITS5206 Professional Computing- Meeting Agenda**

**Date: 12/08/2021**

**Time: 16:00-16:30**

**Location:** Online ( Microsoft Teams )

**Meeting Leader: Liangbo Jin, Ethan Chen**

**Meeting Minutes: Yu Zhu**

**Participants: Keli Yin, Lida Tong, Nara Eam**

**Goal:** Review the database structure and understand it’s mistakes and limitations.

**Main Topics:** Review the draft Relational Table & ERD diagram, and understand the requirements related to the database

Are you proposing everything in one table?

Core entities for this system are Units + People + Activities : useful if your DB reflects this hierarchy

Unit is-offered-in Year + Semester and has an Enrollment (count)

Unit could have some constants used to calculate the budget eg group size for assessments, etc

People (in the budget) are all staff. What is diff between Role and Staff – could they be merged? People have a pay rate per hour depending on their role.

Teaching-Activity is-of-type Delivery + Marking + Other

Delivery (includes preparation and all lectures labs and tutorials and student consultations by email and meetings). Each of these has hours associated (maybe calculated by a formula with constants)

Marking is related to Assessment Activities: eg time to mark per submission, number of submissions, moderation meeting(s). Each assessment to be marked has hours associated.

Other (software license, catering, consumables). Each teaching activity is associated with hours required (which can be calculated by a formula – see above re Unit constants)

Pedagody can ignore this (not used)

Variables used for calculating hours: group size, preparation, hours per week, OK (but don’t call this Unit Structure)

1. **TOPIC 2 – Questions about requirements on the database**

**Purpose: clarify requirement on database**

**Duration: 30mins**

**Details:**

1. How would you like to monitoring the budget during the semester? (Such as generate Weekly & Monthly report, or the System will warn you if anything breaches the budget rule)

Low priority at the moment. Focus on checking rules at budget creation time.

1. How would you like to interact with the database? What functions you want to use? What level of details you want to reach? For example, updating someone’s working load in week 1, Edit Enrolment number in week 3 & updating total budget

Good question. Changing budget (hours or activities) can happen at any time, but let’s start with uploading and checking and changes in response to flags.

1. Do you prefer Datawarehouse or Database for storing data?

Database. Size of data is small. Keep it simple so people can run on their desktop.

1. Do you have any preferred framework for the Desktop App? Otherwise, we will choose…..

OK you choose. I’d like the option of direct interaction with the DB too (most of our users can write SQL queries!)