CITS5206 Capstone Project - Group 12

Minutes of the meeting #2

Date and Time: 09 August 2024 – 12:00pm

Place: CSSE Meeting Room

Participants:

- Rachel
- Kent Yip
- Phoebus Lee
- Subbulakshmi Seenivasan
- Shuyu Ding
- Aji Wuryanto

Minutes by: Phoebus Lee

Discussion:

Discussed the proof-of-concept code with the client.

Python library .docx that inserts records into a word file, but the library is meant for simpler tables, not a "pretty" table. All the info and text are included.

Other document formats might be needed aside from .docx.

Latex is an alternative that is viable to make the format more readable.

Graph database is not a path we should take.

Interface only takes a small time of the project.

Not doing word is brilliant.

Disregard list of unit coordinators – not a requirement

Not going to be ran on a server

PyLatex is the library for Python using Latex.

AW can be taken off, Double badge units, like Data Warehousing which is a unit offered to both undergrads and postgrads. Client will have to look into how double badge units work.

One Latex document per program, not part of MVP

In checking mode, have at least a copy of the rubric.

Key for the unit is unit code

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5 sections of ACS accreditation that we must worry about. - CBOK, SFIA, Program Outcomes, Integrated Skills, Professional Practice

ACS has access to LMS and other services; ACS reviewers need to tick off all the things in the ACS requirements:

1) they start with a particular program,
2) is the program standardised,
3) What are the SFIA programs

So, they must be able to navigate all of these per program, it must be easy for them to navigate around that, and no records must say different things about the same thing.

MVP – ignore first 40 pages of the PDF, input of knowledge based and unit details, pick one of the five areas, write a python script to process the records from database and put it into Latex to produce better looking reports.

Make the project brief as a PowerPoint, which summarise the problem, goal trying to solve, what are the roadblocks

QA not part of MVP

Project plan must include how the system is delivered, can be thru GitHub so that client can monitor/utilise the system while development is on-going.

Releases rather than working build.

High Priority: Prototype of some sort of output that is shareable to coordinators for them to check is correct.

List if high priority as well.

ACS review is 2nd semester of next year, material must be submitted mid 1st semester next year.

Generate output in Latex or Excel

Excel can be navigable with links

Outcomes:

Standalone excel functionality – priority

If time permits – interface can be done too

Generate a navigable system using html/css

Important stakeholders:

1) Rachel and academics
2) People reviewing the forms

Flow:

Client's DB from excel to Latex to PDF

From DB to the tables then Latex