Meeting 5 Minutes

Date: 06/08/2024
Venue: Discord (Online)

Attendance:

- Ciaran David Petrus Engelbrecht 23169641@student.uwa.edu.au

- William Forrest Stewart van den Wall Bake 23086983@student.uwa.edu.au

- Shashwat Abrol 23482415@student.uwa.edu.au

- Connor James Fernie 23443143@student.uwa.edu.au

- Oliver John Dean 21307131@student.uwa.edu.au

Apologies:

- William Sydney Lodge 22980141@student.uwa.edu.au

Meeting Opened: 7:04pm

Reports

Item 1.1: Previous Minutes

Move Minutes for meetings 4 be accepted
Moved: William van den Wall Bake
Seconded: Connor
Unanimously passed

Item 1.2: Progress Reports

- Will vdWB ~ Cellularization Function
    - Basically Done; Able to move on to other functions
    - Will work on Image sharpening and defining
- Will Lodge ~ PDF Page to Image function
    - Notes Provided Pre-meeting:
      "all is well w it, just need to figure out the GUI situation so can integrate with it…. As of right now you need to give a PDF file path (of the PDF to be changed) and an output folder path for the converted image."
- Shashwat ~ User Inputs/Divides up Table function
    - Making good progress with function. Working away with Tkinter
- Connor & Cirian ~ Apply OCR & Put Text into Table function
    - Connor: Success with OCR Limited - looking in images enhancement with sharpness/brightness contrast stuff
    - Ciaran: Success with numbers for MS but issues with text; More successful with tesseract for text - potential solution with tesseract for text and MS for numbers. Proposed image enhancements; Assigned to Will Lodge potentially in PDF Page to Image Function
- Oliver Dean - GUI function
    - Has basic UI with buttons - nothing advance but basic functionality and ability to interface with files
- Shashwat ~ Bugzilla

- Looked into - bug reporting and bug tracking - better to integrate later on in project development

Reports accepted

Discussions:

Item 2.1: Last client meeting

- Oliver mentioned client focus on Auto-table detection
- Connor mentioned focus client has on OCR

Item 2.2: Tests

- Oliver volunteered to setup tests
  - Setup up example OCR

Item 2.3: UI - How to integrate

- Integration should be relatively easy according to Shashwat
- Oliver wanting to use same libraries as Shashwat

Item 2.4: Automatic Table Detection

- Camelot pie suggested by Ciaran
- William van den Wall Bake volunteered to take a look at.

Item 2.5: Next Project Leader change over

- After Sprint 1 - suggested by Connor (end of next week)
- Split role of leader and minutes taker

Item 2.6: Contact with People involved with Project at UWA

- Connor to get in contact with UWA people who on project with Chris

Item 2.7: Mentor meeting

- Connor suggested Mentor meeting on 11am-2pm Monday.
- Ciaran requires accurate time
- Time set of 11am on Monday next week
- Connor To get in touch

Section moved on block
Mover: William van den Wall Bake
Seconder: Oliver
Unanimously passed

To Do:

Item 3.1: Code Reviewer

- Oliver volunteered for Code Review

Item 3.2: Misc. Technical

- Cirian raised OCR accuracy targets for Chris
- Limitations of current tech talked about and 99% accuracy being 10% of rows
- Raised with client accuracy issues
- Suming values as a way to check accuracy

Item 3.3: Requirement Analysis Document

- Work done mostly; Section 3.5 has accidentally fallen through cracks.
- Connor volunteered to take up section 3.5 and proof read document.

Section moved on block
Mover: William van den Wall Bake
Seconder: Ciaran
Unanimously passed

Next Meeting:

Item 4.1: Recurring meeting time

- Tuesday 7:00pm via Discord

Item 4.2: Next Client Timezone

- Wednesday 9:00am AWST (6pm Vancouver time) via Teams - Will to get in touch

Item 4.3: Next Mentor Meeting

- 11am AWST on Monday - Connor to get in touch

Move Items 4.1 to 4.3 on Block
Mover: William van den Wall Bake
Seconder: Ciaran
Unanimously passed

Meeting Closed: 7:58pm

Action Items:

- Reports for next meeting:
  - William Bake - Meeting 5 Minutes
  - Connor & Cirian - Continued work on OCR
  - Connor - Requirment Analysis Document 3.5
  - Shashwat - UI/Table Build development progress
  - Oliver - Setup Tests
  - William Bake - Automatic Table detection investigation (Camelot Pie)
  - William Bake - Image Sharpening/Text enhancement investigation (Potentially reassign to OCR Crew)
- Contact
  - William Bake - Chris Parsons new meeting time - 9:00am Wednesday
  - Connor - Mentor Meeting time - 11am Monday

- Connor - UWA In person contact ~ Person also working on project @ UWA