

Meeting 8 Minutes

Date: 30/08/2024

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

Apologies:

- N/A

Meeting Opened: 9:01am

Reports

Item 1.1: Previous Minutes

Move Minutes for meetings 6 be accepted

Moved: William Bake

Seconded: Ciaran

Unanimously passed

Item 1.2: Progress Reports

- Will vdWB ~ Automatic Table Detection investigation
 - Working on the automatic table detection, having issues with luminosity detection
 - Put together some examples for OCR detection
- Shashwat ~ UI/Table Build development progress

- Drawing bounds when clicking w/ mouse events, some numbers getting cut off though
- Starting work on UI
- Connor & Ciaran ~ Apply OCR & Put Text into Table function
 - Ciaran:
 - Happy with the accuracy of the OCR, performance not up to requirements
 - Suggested removing easyocr -> raise at next meeting
 - Table detection helps accuracy of the OCR -> suggested prioritising table detection
 - Connor:
 - Confirmed mentor meeting time
 - Raised issue of last column in example document not being OCRd
- Oliver Dean - Setup Tests
 - Added unit testing for OCR models, expanded testing for language support
- Will Lodge
 - GitHub actions checking if python standards are being met, code coverage added
 - Investigated comparison verification

Section moved on block

Moved: William Bake

Seconded: Shashwat

Unanimously passed

Reports accepted

Discussions:

Item 2.1: Sprint 1 user functionality

- Connor walked through sprint 1 user stories and current progress toward them
- William Bake discussed requirements and progress toward stories, explained client requirements

Section moved on block

Moved: William Bake

Seconded: Oliver

Unanimously passed

To Do:

Item 3.1: Sprint 2 Working Demo Plan

- William Bake suggested CLI demo for client
- Oliver asked for clarification of the working demo code for the group
- William Bake explained the Runthrough code which will be used for demonstration
- Oliver can add trigger events for UI
- Ciaran raise issue: every page gets over-written when OCR
- Connor confirmed demoing CLI for sprint 2

Item 3.2: Code Integration & Consolidation

- William Bake began consolidation process
- William Bake volunteered to do this job -> UI integration is next thing to look at

Item 3.3: Sprint 2 Documentation

- Team effort as majority is software deliverables
- Connor volunteered for sprint 2 user stories
- Team offered to delegate tasks when required

Item 3.4: PDF Table Detection Error Demos

- William Bake can demonstrate these issues in sprint 2 demo meeting
- Connor explained this issue from previous client meeting

Item 3.5: Delegating Auto Table Detection Tasks

- Ciaran suggested delegating the auto table detection errors, flagging its priority/importance
- William Lodge volunteered to help with table detection tasks

Item 3.6: GUI

- Oliver put forward him and Shashwat working on the GUI moving forward
- Team agreed this is a good idea

Section moved on block

Mover: William Bake

Seconder: Shashwat

Unanimously passed

Next Meeting:

Item 4.1: Recurring meeting time

- Tuesday 3/09/24 7:00pm via Discord

Item 4.2: Next Client Timezone

- Wednesday 9:00am AWST (6pm Vancouver time) via Teams
- Discussions:
 - Current efficiency versus performance with easyocr
 - Conditional ocr models based on confidence scores

Item 4.3: Next Mentor Meeting

- Thursday 19th September

Item 4.4: Next Auditor Meeting

- Shashwat will determine

Move Items on Block

Mover: William van den Wall Bake

Seconder: William Lodge

Unanimously passed

Meeting Closed: 9:25am

Action Items:

- Reports for next meeting:

- + Ciaran - OCR progress
- + Connor - OCR progress, meeting 8 Minutes, sprint 2 stories
- + Shashwat - UI & table build development progress
- + William Bake - Automatic table detection progress, output overwritten in runthrough, minor code consolidation
- + Oliver - UI & testing progress
- + William Lodge - Automatic table detection progress

- Contact

- + Shashwat - next auditor meeting