Meeting 3 Minutes

Initial Client Meeting;

Via Zoom:

Attendance:

- Connor
- Will Bake
- Oliver
- Cirian (via Zoom)

Apologies:

- Shashwat
- Will Lodge

Outline:

- Talking to Chris about project and how things UK;
- Introductions to everyone apart of project

Meeting Notes:

Chris discussion of project:

- Project that this is under is (as an automation of aspects of) initially started in 2022
- Focus: Climate Change effects
    - Modelling effects of climate change on how population reacts and migrate
    - So need historic population data to be able to get idea of flows and the like.
    - Then map historic movements on to climate change reactions
- Project of breaking countries into regions and the like.
- Lot of processing of data needed.
- Granular Sub-regional data needed to understand

Mapping Data; Turning Pictures to geo shape files:

- Specific file format - WGS GS40 e.t.c.
- Provincial level maps required.

Table Extractor:

- Turning data tables into Python or R usable formats
- Suggested OCR: Tesseract; Google Vision
- Almost never handwritten - almost always type wittered or printer
- Readable/Non-readable sorter needed
- All inputs in a PDF format
    - Scanned PDF's
        - i.e: As images
- Population counts on Provincial level
- All data in table:
    - "*always* in row and column format"
- Output format not necessarily relevant;

- Will be dealing with variety of languages.
- No standardised format needed; just need to essentially extract tables.
- Tagging mentioned
    - Maybe long term in project

Contact for in person:
Andrew Lea - at UWA and someone best to talk to if granularity or in person discussion needed about project specifics

Meeting times:

- Chris Wants regular meetings going forward - especially since remote:
    - 1 hour meeting per week.
        - "If not more often"