Thomas Duloy (thomas.duloy@hdr.mq.edu.au)
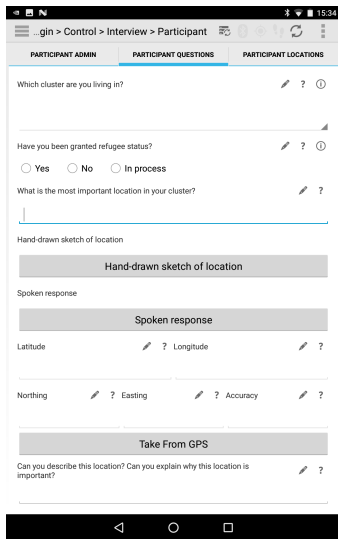Macquarie University

Background:

- Researchers conducting collaborative ethnography across many disciplines increasingly want to invite diverse forms of response to their surveys.
- Poor communications infrastructure is often a challenge for field research relying on digital recording tools.

My Aim: To design a tool for collaborative ethnographic field work which can function regardless of network signal. The tool will be able to collect diverse forms of qualitative and quantitative responses to interview questions.

Image: my module for FAIMS Mobile application for Android devices.

Significance: allows participants flexibility and agency in determining which is appropriate. Diverse options are available for each prompt:

- ▶ Oral responses
- ▶ Images/sketches
- ▶ Spatial data
- ▶ Written responses

FAIMS Mobile: A field data collection tool designed by the FAIMS research initiative (Aka. Field Acquired Information Management Systems, $https://www.fedarch.org/$), currently housed in the Department of Ancient History, Macquarie University.

Impressive modules for data collection in various disciplines are available on the FAIMS Project github ($https://github.com/FAIMS$). The features that I wanted to use were not available in the form I envisioned them - so I created my own module.
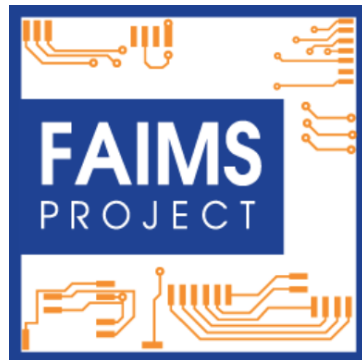
Snapshot demonstrating the tabular construction of my interview module. Diverse data entry options are automatically assigned to individual responses, which are assigned to participants. For full wireframe, visit: *https : //github.com/MQ − FOAR705/TomDuloyPoCFAIMS/ blob/master/wireframe/wireframe.pdf*
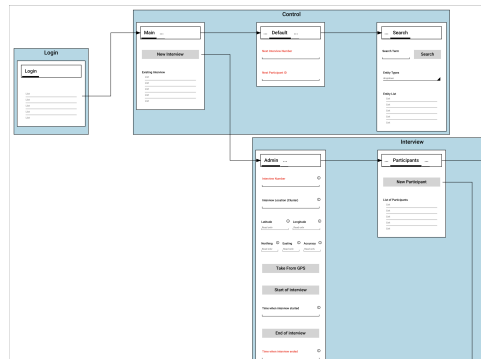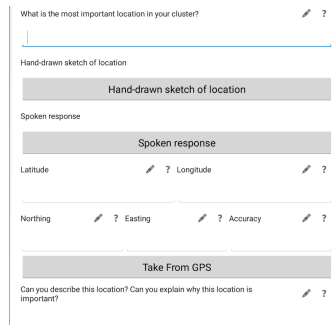
FAIMS Mobile: How the section appears in the FAIMS Mobile app on a tablet device.

module.xml: How the section appears as I wrote it in the module.xml file which generates the necessary components to load onto the device.

What is the most important location in your cluster?

Hand-drawn sketch of location

> Hand-drawn sketch of location

Spoken response

> Spoken response

Latitude   Longitude

Northing   Easting   Accuracy

> Take From GPS

Can you describe this location? Can you explain why this location is important?

```xml
<What_is_the_most_important_location_in_your_cluster>
    What is the most important location in your cluster?
</What_is_the_most_important_location_in_your_cluster>
<Hand-drawn_sketch_of_location t="camera"/>
<Spoken_response t="audio"/>
<gps/>

<Can_you_describe_this_location>
        Can you describe this location? Can you explain why this location is important?
</Can_you_describe_this_location>
```

Significance:

▶ Participants have autonomy in framing their response however feels most appropriate.

▶ Ethnographers can conduct a collaborative ethnography in places that typically lack ideal communications infrastructure, such as humanitarian shelters or refugee camps.

▶ Data collected with this tool can be saved locally, exported to other storage devices or synced with a cloud service of the user's choice (which syncs when connection is established).

Using FAIMS Mobile to Collect Diverse Data Through Collaborative Interviews
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FAIMS
PROJECT

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PROJECT

► **More info**: $https://github.com/MQ-FOAR705/TomDuloyPoCFAIMS$