Auditor Meeting Week 7

Welcome

Location: Clough Meeting Room 1 G01A

In attendance: Syed - Auditor, David - Team Leader, Michael, Zihao, Joshua, Taige

Apologies: Adam

Meeting Start: 3:19pm

Meeting Adjourned 4:14pm

Team Report (What the team has done)

- David

  - Done:
    - Technical Changes
      - continuous integration implemented, every commit will be run against the testing suite
  - To do:
    - Website to be ready within the next week.
      - Ready for user testing
        - Support for IE

- Michael

  - Followed tutorial
    - Learnt data integration
  - Taking tasks from David
  - To do
    - Continue on Laravel and maybe move onto Vue

- Taige

  - Covering initial syntax
  - Found good kit that does research questionnaires
  - Do not understand enough syntax to understand kit tutorial
  - To do:
    - Finish enough backup basic syntax to understand kit and implement
    - May become SWE in iOS if Adam is not able to participate

- Joshua

  - Android side
    - visual layout type stuff
  - Uploaded questionnaire excel on GitHub
    - Request check

- Created the second page of the form on android App
  - Simple UI
  - No backend yet
  - Focusing on design UI
- To do:
  - Add all questions and keep working on the app
  - Update layout
  - May study up on website layout architecture: Vue Nuxt, Vuetify

- Zihao

  - Created the first questionnaire page
    - To add time picker function
    - till trying to emulate and take the token for authentication
  - To do:
    - Build in some fallback mechanisms for incompatible Android devices
    - Going to implement a standardised format to communicate with webserver

Application Testing

Will be ready once backend (responses and communication) is resolved

Sprint 2

- Email Michael W for specifics about Sprint 2.
- Due next Monday
- Update User stories
- No stretch goals?
  - May be unrealistic

Major issues

- iOS

  - iOS App inexperience in development
    - Solution options:
      - Drop it
      - Reassign people
        - Michael may jump on
      - Change expectations of app
        - Consult risk register
      - Use a PWA app
        - Difference: don't DL from the store
        - Disadvantage:
          - Still a web app
          - Cannot access native features as well.
        - Advantages:
          - Easy to implement
          - Has a native feel

- Possibility of using PWA as a fail-safe if Adam comes back
- If PWA is implemented instead
  - Taige will jump onto Android dev
- Communicate with Adam ask what is going on

- Long Text Issue

  - Not displaying nicely
  - Can be fine tuned in Sprint 3
  - Can reduce font size

- Responsive Design

  - Possible solution: choose a framework that supports responsive layout

- Communication between app and server (android)

  - Possible Solutions:
    - Use a HTTP library
      - XHR library (JS, Ajax)
      - HTTP requests backend on Android app
    - Do more research

- Delivery of App to Users

  - Website can be easily delivered
  - Mobile apps going to be expensive
    - Alternate Options:
      - APK link on website
      - Rely on client to distribute
      - Split the cost with team
    - Auditor says:
      - Our unit is tasked with making a working app, and deployment is beyond the unit, but can be considered by the team if they wish to take the extra step.