Mentor Meeting #1 - *Meeting Minutes*

General Information

- **Group**: Group 21
- **Week**: Week 2
- **Date**: 09 Aug 2019
- **Venue**: EZONE lvl 1 - 102A Meeting Pod
- **Start Time**: 14:00
- **End Time**: 15:00
- **Team Members Present**: Aaymen, Clayton, Viet, Owen, Flander, Ray Proffit
- **Next Meeting**: Availability to be confirmed via email.

Agenda

1. Introductions
2. General Questions / Advice
    - Open for discussion

Discussion Items

1. Introduction to Ray
    - Electrical engineer that started at Honeywell
    - Enjoys hacking at night as side projects
    - Currently the manager at an IT firm
2. IT Information
    - Look for solution designs (see SIPROC)
    - The solution is effectively putting a skin over the database
3. Confluence
    - Our team cannot do anything with this in terms of working with the currently implemented system
4. To-do
    - Identify whether we need to create the database
    - Need to look at the audience to develop tailored UI
    - Create the SQL database
    - Create the UI using UI frameworks
5. Database ideas
    - SQL
    - Using the filesystem
        - .asp page
        - Only a few records hence
    - MongoDB
        - Saving XML files
    - MSSQL?

    - Could use sharepoints
    - ASP is suggested with UWA
6. SQL
    - MySQL is good for small database applications
    - Suggestion of *MsSQL*
7. Pheme account
    - Pheme will essentially give you a token
8. User interface (UI)
    - Biggest challenge
    - Needs to be smart
        - Needs to be tested in many browsers
    - e.g *Paralax effect with images as you scroll down to add to the UI*
    - Changes with the content
9. Javascript Framework
    - Suggested in order to support user interface
    - Angular?
    - React?
    - Bootstrap
    - jQuery
10. Using React
    - Responsive search bar so need to send client side queries to the database
11. SideCore
    - ASP and MS
12. Application
    - something rendering the input and the other fields
    - something querying the data
13. Static vs non-static
14. Adopt existing Framework
    - Sharepoint?
15. SiteCore
    - The CMS that UWA use
    - Students have access to this

System Requirements

1. Identify platform
2. Develop schema of the Database
3. Then use user interface applications / frameworks
4. Decide on back-end manager