CPT110 Assignment 2: Group Meeting #7

18/04/2021

Meeting ran 8.00pm – 8.50pm ADST.

Attendees:

Sean Atherton

Joshua Chuang

Jack Holliday

Liam O’Loughlin

Stephanie Newland

Mia Vasiliadis

Meeting notes:

* Quick recap of the meeting/agenda from last week.
* Change in due date – now due **23rd of April** at 11.59pm AEST.
* Quick discussion about camera usage for team members who did not have video feed for recorded meetings.
* Reviewed agenda document:
  + **Project** 
    - Decided to dedicate the meeting we have to going in-depth over the project idea chosen (Dating App/Josh).
    - Will discuss feedback received and then go over each bullet point in detail to expand/delegate which team member will take over the expansion of the section before making it cohesive.
    - Feedback we previously heard was very generic, not much to be discussed or expanded upon based on feedback Josh received.
    - Most of questions reference tools and technologies section:
      * Data storage:
        + Cloud-based?
        + Servers?
        + Decided that it would be probably best to look into the use of third-party cloud-based services.
        + Use of AWS calculator to determine best resources required.
      * Which programming language?
        + C++ or C#
        + Flutter – Google open-source UI software (iOS/Linux/Windows/Android)
        + XCode – Apple based developer for iOS.
      * Which platform should the app be developed for?
        + In terms of the project/as a smaller dev team?
        + Longer term goal is for all platforms; but starting with Apple.
        + Market share is almost 50/50 between Apple/Android in Australia based on 2019/2020 study [source](https://www.statista.com/statistics/861532/australia-mobile-os-share/#:~:text=In%20August%202020%2C%20iOS%20held,operating%20system%20market%20in%20Australia.&text=It's%20hardly%20surprising%20then%2C%20that,of%20just%20over%2020%20percent.)
        + Decided to pick Apple as the starter platform.
      * Database:
        + Discussion on which database management system should be used.
        + Will look into AWS and into Azure.
      * Monetisation
        + Will need a payment gateway.
        + Subscription fee or once off payment?

Determined subscription fee may be best option due to hosting fees.

* + - * + Are there ads being run for profit? With the subscription fee, the ads will be removed.
      * Location services?
        + Region-based? Will be Australian based to begin with.
        + Which geolocation services for which platform will be required?
        + Can users specify the distant between them and the people they want to match with to ensure they are meeting someone close by/in their area?
        + Will require a location tool within the profile/submenu.
        + Scale/scope – Australia only.
      * Video call/innovation:
        + Apps like Tinder rolling out video chat to help with pandemic quarantine cancelling meetups; gives users other options to meet via app while in-person may not be viable.
        + Link to report mentioned.
        + Also provide negatives such as increase in server capacities/delays etc.
    - Resonance within the idea:
      * + Specification between three main groups using the app is a great idea.
        + Allows for users to be matched with those wanting the same style connection as them.
  + **7.2.1 Group work**
    - Read over report articles so we can work on answer question about fictional IT company services together at next meeting.
  + **GitHub Access**
    - New invites sent to Josh to confirm access to GitHub.
    - Documents are being updated and uploaded to GitHub as changes are made.
  + **IT Tech reports**
    - IT tech reports completed.
      * Blockchain and cryptocurrencies – uploaded.
      * Cybersecurity – uploaded.
      * Machine learning – uploaded.
      * Cloud – uploaded.
    - Referencing to be checked and correct Harvard Style to be applied.
  + **Website** 
    - Mia working on html/css.
    - Making some changes to css, as not happy with layout.
    - Website links from all team members provided to Mia to be added.
    - Content to be added as confirmed as completed.
  + **Meetings**
    - Decided that we probably only need one further meeting to piece everything together before project is due.
* Final round-up:
* Due date: Friday of week 8; **23rd of April at 11.59pm** AEST.
* To be done before Wednesday’s meeting:
  + - * Project: overview and feedback
        + To work on additional section to be incorporated into main idea.
      * Website: html/css build to almost completion so content can be added before submission.
      * Add any additional tasks as you think of them to the next meeting agenda.
* Next meeting:
  + Final completion of project section.
  + Compilation of information in final pdf and MS Teams pdf.
  + Final uploads to GitHub and website.
  + Final updates to website.
  + Feedback section.
* Next meeting date: **Wednesday 21/4/21 at 8.30pm AEST.**

Tasks completed:

* Next meeting scheduled.
* New agenda documentation created.
* Continue to upload to GitHub.
* GitHub access reviewed and amended for those in attendance (as required).
* Project discussed in-depth; sections allocated to be completed as below.

Tasks to be completed:

* Continue to develop html/css for website (Mia).
* Final report documents (Sean/Liam).
* Project:
  + Programming languages addition (Josh).
  + Geolocation/location services addition (Steph).
  + Servers/database management addition (Jack).
  + Video call/innovation addition (Mia).
* Everyone to continue to review the project document, build any further questions for final meeting.
* Agenda for the next meeting to be added to (by anyone) as items come up during the week.