Table of contents and Term 2 Plan

Contents

[1. Abstract: **Error! Bookmark not defined.**](#_Toc157071751)

[1.1 My UI’s: **Error! Bookmark not defined.**](#_Toc157071752)

[2. Project Specifications: **Error! Bookmark not defined.**](#_Toc157071753)

[2.1 Target Audience **Error! Bookmark not defined.**](#_Toc157071754)

[3. Aims, objectives, and literature survey **Error! Bookmark not defined.**](#_Toc157071755)

[3.1 Technologies I have used and why: **Error! Bookmark not defined.**](#_Toc157071756)

[3.2 Motivations for this project: **Error! Bookmark not defined.**](#_Toc157071757)

[3.3 HCI Goals for my Ui’s: **Error! Bookmark not defined.**](#_Toc157071758)

[4. HCI Theory **Error! Bookmark not defined.**](#_Toc157071759)

[4.1 Background Theory: **Error! Bookmark not defined.**](#_Toc157071760)

[4.2 Literature review: **Error! Bookmark not defined.**](#_Toc157071761)

[5. My Progress so far **Error! Bookmark not defined.**](#_Toc157071762)

[5.1 Work completed: **Error! Bookmark not defined.**](#_Toc157071763)

[5.2 My process of design: **Error! Bookmark not defined.**](#_Toc157071764)

[5.3 Designs and HCI principles: **Error! Bookmark not defined.**](#_Toc157071765)

[5.3.1 Other HCI methodologies I have included in my designs: **Error! Bookmark not defined.**](#_Toc157071776)

[5.4 Software engineering: **Error! Bookmark not defined.**](#_Toc157071777)

[6.Proffesional issues **Error! Bookmark not defined.**](#_Toc157071778)

[7.Timeline with changes **Error! Bookmark not defined.**](#_Toc157071779)

8.[Conclusion **Error! Bookmark not defined.**](#_Toc157071780)

8.1[Self](#_Toc157071780) evaluation of this project………………………………………………………………………………………

8.2 Critical analysis and Discussion…………………………………………………………………………………

[Bibliography and citations **Error! Bookmark not defined.**](#_Toc157071781)

[Appendix **Error! Bookmark not defined.**](#_Toc157071782)

How to run the software…………………………………………………………………………………………………

[Diary **Error! Bookmark not defined.**](#_Toc157071783)

**Term 2**

Week 1 (Starting 15/1/2024):

* Start on feedback from testing and implement for all UIs
* Evaluate and improve shopping website design, Add screen reader functionality to all other pages
* Begin on affordance features in for shopping website
  + Make only visual effects for progress bar of shopping
  + And visual effects for help menu guiding you through the interface
* Add functionality for error recovery buttons and options in notes application
  + Add functionality for print sub menus
* Put dashboard page of inventory interface into a function for react

Week 2 – Week 3:

* Have meeting with supervisor
* Create table of contents for final report and give to supervisor for checking
* Start work on final report, first add more in-depth information to HCI theory section
* Make all pages of shopping websites designs consistent
* Add functionality to Basket in shopping website
* Begin visuals for voice control of shopping website
* Write new sections for aim and objectives in final report, with the new changes for the interfaces
* Add functionality to components like on-screen keyboard and menu in notes application
  + Touchscreen options without functionality (flexibility)
* Write Project specification section of report – Add new changes (only 2 interfaces)
  + Also change My UI’s section
* Rewrite target Audience section with feedback from interim report
* Put Navbar for shopping website into react component
* -set up event handlers for buying items

Week 4:

* Complete database interface with functionality
* Report, Literature Review and Background Reading
* Add functionality to voice control in shopping website
* Add customizable menu to notes application
* Write these sections of report
  + Technologies I have used – Add React
  + Add more in depth information to literature review for
    - HCI by Alan Dix
    - Designing the user Interface by Ben Shneiderman
    - Empirical Research in HCI by Scott MacKenzie
  + Edit HCI goals section to reflect new plan
  + Create draft for My progress section, to be finished when interfaces visuals are complete
    - Work completed sub-section
    - Process of design sub-section
    - Designs and HCI principles

Week 5:

* Add Internationalization principle for notes application, Menu which can change the language of the application
* Split old shopping website HTML code into components to be combined later
  + Basket page
  + Settings page
* Colourful web site with images and navigation
* Documentation: Create user documentation and guides to help users understand how to use your application effectively
* Report – write software engineering section
  + Talk about other methodologies I could have used besides UCD and why
  + Also other methodologies other than Agile and why
* Add Loading bar to all pages in shopping website (see system status)
* Add more citations to report
* Add dark mode options to notes application

Week 6 :

* Continue User Manual for the implemented interfaces.
  + Add how to run section to appendix
* Conduct user testing for all UIs, plan to implement main feedback.
* Complete Self evaluation section and critical analysis section of report
  + Discussion of project achievements and over how successful it was
* Complete report (Week 22) and send to supervisor
  + Write conclusion
* Add security to shopping website.
  + Create sign in and sign out pages.
  + Create 2FA page, with timer for sending code.
* Create mobile and tablet versions of shopping website with bootstrap
* Use React DevTools extension to test website and debug

Week 7 – Week 8:

* Implement all feedback of report from supervisor
* Conduct 2nd User interface testing for both interfaces
  + Using selenium for shopping website
  + Add output to report appendix
* Make video of UI’s and add YouTube link to report

Week 9 – Week 10:

* 22nd March, Final report and programs due