RESEARCH PROJECT LOGBOOK

2023-365

Creating Innovative Healthcare App for Dementia Patients and Caregivers

REGISTRATION NUMBER	NAME
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B.Sc. (Honors) Degree in Information Technology

(Specialized in Information Technology)

Project Logbook

Month 1 - December

Date	Description
04 December 2022	Create a Group of members
05 December 2022	Try to find a supervisor

Month 2 - January

Date	Description
01 January 2023	Try to find a supervisor
30 January 2023	Contacted a supervisor and a co-supervisor and had a meeting with a supervisor.
31 January 2023	Register the Group and Supervisor and Co-Supervisor

Month 3 – February

Date	Description
01 February 2023	Reading Research Papers
03 February 2023	Research Topic Discussion with Supervisors
07 February 2023	Finding some topics for Research
16 February 2023	Discussion on a research topic with supervisors
17 February 2023	Create a topic assessment document
22 February 2023	Create MS Teams Planner, Register
26 February 2023	Find and list all the software and hardware equipment needed to make wristbands from the internet.

Month 4 – March

Date	Description
01 March 2023	Get information from YouTube and google to get the knowledge needed to develop the Wrist Band.
06 March 2023	Find a dataset
20 March 2023	Create Proposal presentation
31 March 2023	Proposal presentation

Month 5 – April

Date	Description
01 April 2023	Discussion of future plans and panel feedback with the supervisor
04 April 2023	I started making the IOT device.
10 April 2023	Find Data sets.
16 April 2023	Start Implementing the Machine Learning process
20 April 2023	Check errors and bugs and fix them
24 April 2023	Progress Presentation 1

Month 6 – May

Date	Description
01 May 2023	Discussion of future plans and panel feedback with the supervisor for better integration
05 May 2023	Discuss how to integrate our components with the other group members
08 May 2023	Submit individual project proposal reports.
11 May 2023	Assemble information on how to combine our four components
19 May 2023	Create GitLab project
21 May 2023	Start developing backend

Month 7 – June

Date	Description
01 June 2023	Continue working on the backend
25 June 2023	Check errors and bugs
30 June 2023	Integrate Backend

Month 8 - July

Date	Description
01 July 2023	Check errors and bugs
06 July 2023	Continue working on the research component
10 July 2023	Maintaining progress with the research component
13 July 2023	Start to create Status Document 1
15 July 2023	Submit Status Document 1
14 July 2023	Research paper writing and submission of the draft to the supervisor
20 July 2023	Made some changes in the Research paper

Month 9 - August

Date	Description
01 August 2023	Continue working on the research paper
02 August 2023	Start developing the mobile application
09 August 2023	Continue working on the mobile application
29 August 2023	Some changes were made in the research paper under the guidance of the supervisor
30 August 2023	Completing and submitting the research paper to ICAC

Month 10 - September

Date	Description
01 September 2023	Continue working on the mobile application
02 September 2023	Check errors and bugs
03 September 2023	Improve the interfaces of the mobile application
04 September 2023	The individual component was completed and tested before the PP2.
05 September 2023	Create presentation for the PP2
06 September 2023	Progress Presentation 2
08 September 2023	Discuss panel comment with team members
25 September 2023	Improve the ML Model

Month 11 – October

Date	Description
01 October 2023	Increasing the Accuracy of the models.
10 October 2023	Gather information and write group and individual final reports.
18 October 2023	Submit Draft Final Individual Report
19 October 2023	Started to integrate with another group member's component
22 October 2023	Check errors and fix all the errors
23 October 2023	Tested the final mobile application
25 October 2023	We are creating the final presentation, and poster and getting ready for the final presentation.
30 October 2023	Final Presentation and Viva

Month 12 – November

Date	Description
01 November 2023	Start to develop a website
10 October 2023	Final report, Group report, Website, and Status 2 document submission.
11 October 2023	Submit the logbook.