

Record of Tasks:

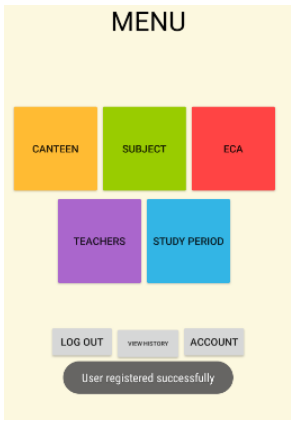
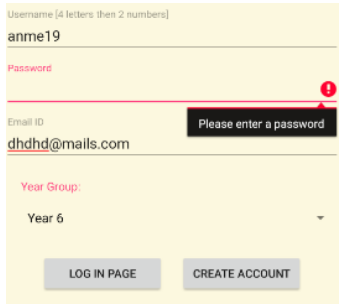
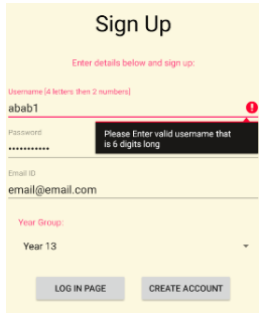
No.	Task Date	Planned Action	Planned Outcome	Time Estimated	Target Completion Date	Section
1	24 th April	Meet with user to get criteria and information of design	Understand the user's problem in more detail and get out a list of criteria which the solution will need to address	1 Week	30 th April	A
2	25 th April	Meet with Advisor to discuss feasibility and potential solutions	Discuss the client's problem and get possible solution ideas.	1 Week	31 st April	A
3	1 st May	Create a Menu Navigation Diagram	Have a Menu Navigation diagram prepared	1 Hour	1 st May	B
4	2 nd May	Create a system flow chart	Have a System Flow Chart prepared	2 Hours	2 nd May	B
5	10 th May	Create a Data Flow Diagram for Log In processes	Have the Data Flow Diagram prepared	1 Hour	10 th May	B
6	10 th May	Create a Data Flow Diagram for Comment process	Have the Data Flow Diagram prepared	1 Hour	10 th May	B
7	10 th May	Create a Data Flow Diagram for Option Report process	Have the Data Flow Diagram prepared	1 Hour	10 th May	B

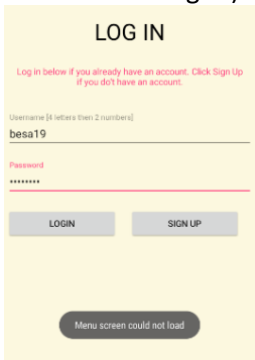
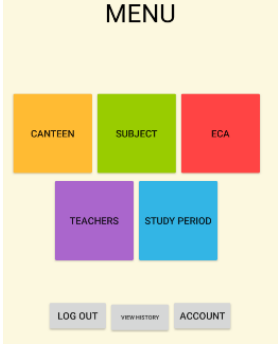
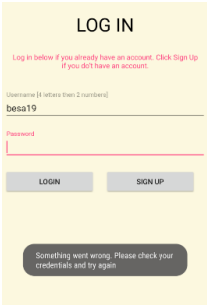
8	10 th May	Create a Data Flow Diagram for check history process	Have the Data Flow Diagram prepared	1 Hour	10 th May	B
9	11 th May	Create a Data Flow Diagram for Sign Up process	Have the Data Flow Diagram prepared	1 Hour	11 th May	B
10	11 th May	Create a Data Flow Diagram for View History process	Have the Data Flow Diagram prepared	1 Hour	11 th May	B
11	11 th May	Create a Data Flow Diagram for Update Account process	Have the Data Flow Diagram prepared	1 Hour	11 th May	B
12	15 th May	Make the Entity Relationship Diagrams Draft	Have a completed draft of my Entity Relationship Diagram	1 Day	16 th May	B
13	16 th May	Consult my advisor regarding the final ERD	Have a final ERD plan after advisor consultation	4 Days	20 th May	B
14	25 th May	Make the final Entity Relationship Diagram	Have a completed Entity Relationship Diagram	1 Hour	25 th May	B
15	1 st June	Make the relevant data dictionaries for my tables	Have a completed set of data dictionaries	1 Day	2 nd June	B
16	6 th June	Design my class diagrams	Have a completed set of class diagrams	4 Days	10 th June	B

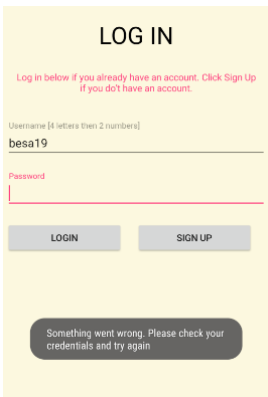
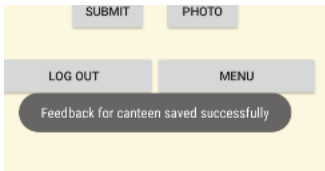
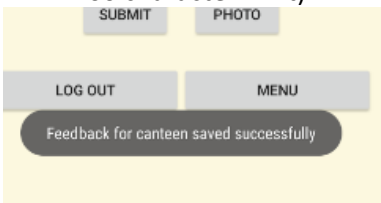
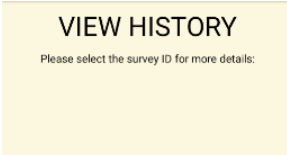
17	15 th June	Design my UML diagram	Have a completed UML diagram which shows how my classes should interact	1 Day	16 th June	B
18	18 th June	Create form plans and visual prototypes for Log In report page	Have a visual prototype for my client feedback	1 Day	19 th June	B
19	19 th June	Create form plans and visual prototypes for Sign Up report page	Have a visual prototype for my client feedback	1 Day	20 th June	B
20	20 th June	Create form plans and visual prototypes for the Menu page	Have a visual prototype for my client feedback	1 Day	21 st June	B
21	21 st June	Create form plans and visual prototypes for feedback option pages	Have a visual prototype for my client feedback	1 Day	22 nd June	B
22	23 rd June	Create form plans and visual prototypes for the option report page	Have a visual prototype for my client feedback	1 Day	24 th June	B
23	June 25 th	Create form plans and visual prototypes for View History page	Have a visual prototype for my client feedback	1 Day	26 th June	B
24	15 th June	Get client feedback on all form plans	Get written feedback on the designs of each page	8 Days	26 th June	B
25	29 th June	Plan how to add feedback on the database (Non-Standard Algorithm)	Have pseudocode which plans how the code will be written	1 Day	30 th June	B

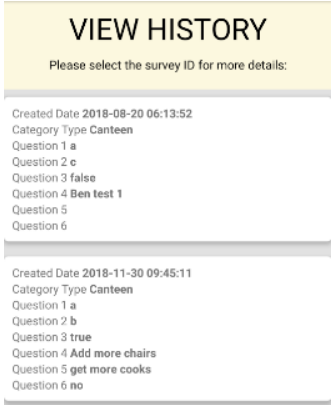
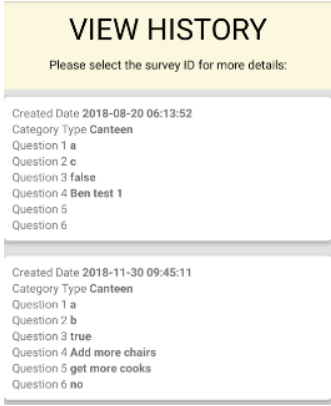
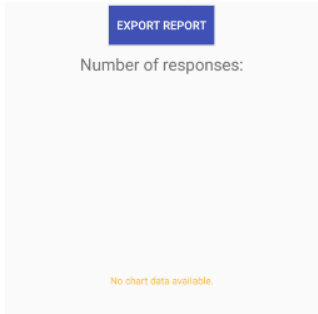
26	1 st July	Plan how to view history (Non-Standard Algorithm)	Have pseudocode which plans how the code will be written	1 Day	2 nd July	B
27	2 nd July	Plan how to log in (Non-Standard Algorithm)	Have pseudocode which plans how the code will be written	1 Day	3 rd July	B
28	3 rd July	Plan how to send emails (Non-Standard Algorithm)	Have pseudocode which plans how the code will be written	1 Day	4 th July	B
29	4 th July	Plan how to validate username and sign ups (Non-Standard Algorithm)	Have pseudocode which plans how the code will be written	1 Day	5 th July	B
30	5 th July	Plan how to generate reports (Non-Standard Algorithm)	Have pseudocode which plans how the code will be written	1 Day	6 th July	B
31	10 th July	Design my test plans for each success criteria from Section A	Have a detailed table describing how my success criteria will be tested	1 Day	11 th July	B
32	15 th July	Start coding android app	Have an empty activity set up ready to start coding	15 Minutes	15 th July	C
33	15 th July	Start visual low fidelity prototyping for all my pages using XML files	Have a visual display ready for all pages, features don't have to work yet to show the client (Appendix C)	5 Days	20 th July	C
34	21 st July	Create all my model classes	Have model classes coded: "FeedbackHistory", "UserDetails", etc.	1 Day	22 nd July	C

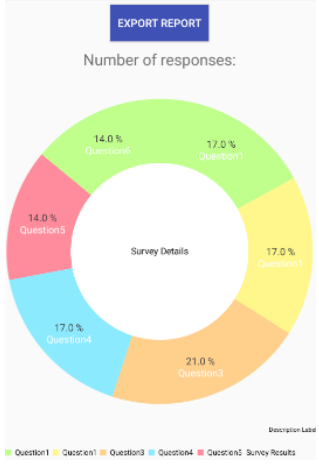

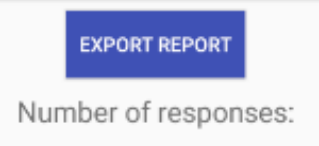
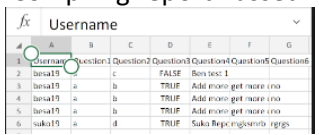
35	24 th July	Create all my services classes and interfaces	Finish coding my Email helper classes and StudentDelegatesService interface	1 Day	25 th July	C
36	25 th July	Create a webhost account to host my API files and database	Create an account on https://www.000webhost.com	10 minutes	25 th July	C
37	26 th July	Start to code my PHP API files	Finish coding my API files	1 Week	2 nd August	C
38	3 rd August	Validate my Sign Ups	Be able to catch username and password errors on sign up	2 Hours	3 rd August	C
39	3 rd August	Connect my Sign-Up page with the database	Be able to add a user to tblAccounts on my database	2 Days	5 th August	C
40	6 th August	Connect my Log In page with the database	Be able to read my database and log in my app with the unique username	4 Days	10 th August	C
41	11 th August	Connect my survey pages to my API calls using Retrofit and my interface	Be able to add feedback data to my database from all survey pages	5 Days	16 th August	C
42	17 th August	Connect my view history page to my API Calls using Retrofit and my interface	Be able to search and read data from the tblFeedback table in my database	1 Day	18 nd August	C
43	19 th August	Display retrieved history data on the viewHistory page	Be able to display the data retrieved using my custom card layout	1 Day	20 th August	C

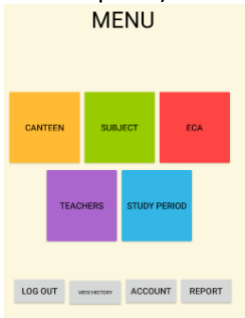
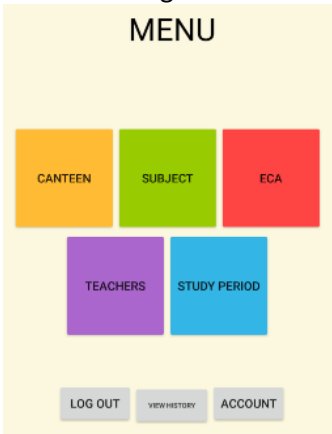
44	21 st August	Send email	Be able to send an email with the user's log in credentials when they sign up on the app	1 Day	22 nd August	C
46	24 th August	Generate Reports	Be able to export the online database into Excel file on the admin's phone	5 Days	29 th August	C
47	30 th August	<p><u>Normal Test 1 Data:</u> Username: "anme19" Password: "" email ID: "dhdhd@mails.com" Year Group: 6</p> <p>Check if the PHP API can store the user details in the database</p> <p>Expected Outcome: User registered successfully</p>	<p>Passed: MENU</p> 	1 Hour	30 th August	C
48	30 th August	<p><u>Abnormal Test 1 Data:</u> Username: "anme19" Password: "" email ID: "dhdhd@mails.com" Year Group: 6</p> <p>Check if the PHP API can store the user details in the database</p> <p>Expected Outcome: Error message asking for password.</p>	<p>Passed:</p> 	1 Hour	30 th August	C
49	30 th August	<p><u>Extreme Test 1 Data:</u> username: "abab1" Password: "password123" Email ID: "email@email.com" Year Group: 13</p>	<p>Passed: Sign Up</p> 	1 Hour	30 th August	C

		<p>Check if the PHP API can store the user details in the database</p> <p>Expected Outcome: Error message stating invalid username.</p>				
50	31 st August	<p>Normal Test 2 Data: username: "besa19" Password: "12345678"</p> <p>Check if the PHP API can log in the app using a given username</p> <p>Expected Outcome: Menu screen opened</p>	<p>Failure (forgot to load menu screen after log-in):</p>  <p>Action: Intent activity added</p> <pre>//Start the menu activity from the log in page Intent intent = new Intent(packageContext: LoginActivity, startActivity(intent);</pre>	1 Hour	31 st August	C
51	31 st August	<p>Normal Test 2 Data: username: "besa19" Password: "12345678"</p> <p>Check if the PHP API can log in the app using a given username</p> <p>Expected Outcome: Menu screen opened</p>	<p>Passed:</p> 	1 Hour	31 st August	C
52	31 st August	<p>Abnormal Test 2 Data: username: "besa19" Password: ""</p> <p>Check if the PHP API can log in the app using a given username</p> <p>Expected Outcome: Message asking to check details</p>	<p>Passed:</p> 	1 Hour	31 st August	C

53	31 st August	<p>Extreme Test 2 Data: username: "besa19" Password: "123456789101213"</p> <p>Check if the PHP API can log in the app using a given username</p> <p>Expected Outcome: Message asking to check details</p>	<p>Passed:</p> 	1 Hour	31 st August	C
54	1 st September	<p>Normal Test 4 Data: Q4 – Q6 all less than 100 characters</p> <p>Check if the PHP API can add data to the feedback table on the database</p> <p>Expected Outcome: Feedback saved successfully</p>	<p>Passed:</p> 	1 Hour	1 st September	C
55	1 st September	<p>Extreme Test 4 Data: Q4 – Q6 more than 100 characters</p> <p>Check if the PHP API can add data to the feedback table on the database</p> <p>Expected Outcome: Error message stating limits</p>	<p>Failure (Forgot to validate for 100 character limit):</p>  <p>Action: Added an IF statement to restrict characters</p>	1 Hour	1 st September	C
56	1 st September	<p>Extreme Test 4 Data: Q4 – Q6 more than 100 characters</p> <p>Check if the PHP API can add data to the feedback table on the database</p>	Passed	1 Hour	1 st September	C
57	4 th September	<p>Normal Test 5 Data: Access Token: auto generated userID: auto generated</p>	<p>Failure (Forgot to display the feedback cards):</p> 	1 Hour	4 th September	C

		<p>Check if the PHP API can read the database and if the app can display the data properly</p> <p>Expected Outcome: Feedback cards displayed on screen</p>	<p>Action: Used an adapter to view the cards</p> <pre>//Passes query details to HistoryAdapter class adapter = new HistoryAdapter(context, ViewModelActivity.this, feedbackHistoryArrayList); historyRecyclerView.setAdapter(adapter); //Displays the history adapter</pre>			
58	4 th September	<p>Normal Test 5 Data: Access Token: auto generated userID: auto generated</p> <p>Check if the PHP API can read the database and if the app can display the data properly</p> <p>Expected Outcome: Feedback cards displayed on screen</p>	<p>Passed:</p> 	1 Hour	4 th September	C
59	4 th September	<p>Normal Test 5 Data: Access Token: auto generated userID: auto generated</p> <p>Check if the PHP API can read the database and if the app can display the data properly</p> <p>Expected Outcome: Feedback cards displayed on screen</p>	<p>Passed:</p> 	1 Hour	4 th September	C
60	7 th September	<p>Normal Test 7 Data: Access Token: auto generated userID: auto generated Category: "Canteen"</p> <p>Check if the PHP API can read the database and if the app can display the data properly</p>	<p>Failure (Did not add data to pie chart):</p> 	1 Day	8 th September	C

		Expected Outcome: Pie chart showing relevant data	Action: Added a set data function <code>//Set the pie chart pieCharts.setData(data);</code>			
61	7 th September	<p>Normal Test 7 Data: Access Token: auto generated userID: auto generated Category: "Canteen"</p> <p>Check if the PHP API can read the database and if the app can display the data properly</p> <p>Expected Outcome: Pie chart showing relevant data</p>	<p>Passed:</p> 	1 Day	8 th September	C
62	10 th September	<p>Normal Test 8 Data: Username: "dhmi19" Password: "password123" email: school email (revoked due to privacy concerns) Year group: 13</p> <p>Check if the JavaMail API can send an email with the respective log in details of the user</p> <p>Expected Outcome: Email sent successfully</p>	<p>Passed:</p>  <p>Email:</p> <p>Your new Student Delegates Feedback App account</p> <p>M Today 17:27</p> <p>Thank you for creating an account on the Student Delegates Feedback App Your log in details are sent below, please store these for future use:</p> <p>Username: dhmi19 Password: [REDACTED]</p>	1 Hour	10 th September	C
63	10 th September	<p>Normal Test 9 Data: Username: "suko19" Data: bundle</p> <p>Check if the PHP API can read the database, take the charts generated, and pass it to the app. Then the app should compile a PDF report with the given data</p>	<p>Export Button Passed:</p>  <p>Compiling report Passed:</p> 	1 Hour	10 th September	C

		Expected Outcome: Export Report option available, CSV file compiled successfully				
64	12 th September	<p><u>Abnormal Test 9 Data:</u> Username: "dhmi19" Data: bundle</p> <p>Check if the PHP API can read the database, take the charts generated, and pass it to the app. Then the app should compile a PDF report with the given data</p> <p>Expected Outcome: "Report" button disabled on menu screen</p>	<p>Menu Page Failure (Forgot to put condition on Report Button to only allow admin to compile reports):</p>  <p>Action: added an if statement to restrict access to admin only</p> <pre>//Restrict reporting feature to admin if(userName.equals("suko19")){ menu.setShowReport("true"); }else{ menu.setShowReport(null); }</pre>	1 Hour	12 th September	C
65	12 th September	<p><u>Abnormal Test 9 Data:</u> Username: "dhmi19" Data: bundle</p> <p>Check if the PHP API can read the database, take the charts generated, and pass it to the app. Then the app should compile a PDF report with the given data</p> <p>Expected Outcome: "Export Report" button disabled on menu screen</p>	<p>Menu Page Passed:</p> 	1 Hour	12 th September	C
66	14 th September	Record the CS IA video of the completed product	Finish recording the video of the completed product	1 Day	15 th September	D

67	20 th September	Send feedback survey to users in the school	Be able to evaluate how successful the application was for school students given the data size of minimum 20 students	5 Days	25 th September	E
68	21 st September	Send feedback survey to client	Be able to evaluate how successful the application was for my client (who was also the application admin)	4 Days	25 th September	E
69	22 nd September	Request overall feedback from advisor	Receive overall feedback from advisor	2 Days	24 th September	E
70	25 th September	Receive overview of client feedback	Received overview of client feedback	2 Hours	25 th September	E