

### Record of Tasks

Task number	Planned Action	Planned Outcome	Time estimated	Target completion date
1	Meet with the client	Develop an understanding of how the current system they are using as a team affect his workflow and have a basic transcript of main points (See Appendix 1)	1 Hour	29 December 2021
2	Interview with the client	Create an outline of the project requirements. Completed questionnaire document for Appendix (See Appendix 1)	1 Hour	31 December 2021
3	Meeting with my supervisor and discussing about the client's problems	Getting approval to do my IA on this project	30 Minutes	2 January 2022
4	Writing Criterion A	Finishing Creation A	3.5 Hours	3 – 6 January 2022
5	Beginning of GUI Design	Finishing first sketches of GUI Designs	6 Hours	7 – 12 January 2022
6	Discussion with my client to evaluate the GUI Design Sketches	Getting client feedback about the GUI Design Sketches (Appendix 1)	1 Hour	14 January 2022
7	Changing GUI Design sketches according to client feedback	Completing GUI Design Sketches	2 Hours	14 January 2022
8	Creating UML Designs and Test Plan	Completing UML Designs and Test Plan	5 Hours	1 – 5 February 2022
9	Creating GUI with Swing based on the sketches	GUI of the program using Swing	7 Hours	6 – 12 February 2022
10	Programming the basic functions of GUI in views package	Programming the connections between the	4 Hours	14 – 17 February 2022

		windows and the interactions		
<b>11</b>	Programming the classes in database package	Make connections between the program and MySQL Database	5 Hours	18 – 22 February 2022
<b>12</b>	Program Dashboard GUI	Programming responsive and working GUI which is accurately meeting the needs	8 Hours	22 – 26 February 2022
<b>13</b>	Program database class including the functions needed for the dashboard class in views	Have a back-end database class that properly works and provides main functions	10 Hours	27 February – 8 March 2022
<b>14</b>	Program other GUIs	Programming responsive and working GUIs which are accurately meeting the needs	6 Hours	8 – 11 March 2022
<b>15</b>	Program all other database classes that include the functions required for the GUIs	Have back-end database classes that properly work and provide main functions	10 Hours	13 – 22 March 2022
<b>16</b>	Program algorithms for creating and editing accounts	Have a working account based login system with hierarchical permissions	3 Hours	25 – 27 March 2022
<b>17</b>	Program algorithms for creation of borrower profiles and categories	Have a properly working borrower profile system	4 Hours	2 – 3 April 2022
<b>18</b>	Implement further functionalities such as editing and monitoring categories and borrower profiles	Have a fully functional and efficient methods providing abstraction of complexity in program	6 Hours	4 – 9 April 2022
<b>19</b>	Program algorithms for adding, removing, editing, monitoring and assigning new devices	Have a smooth and organized item system which is also easily controllable	10 Hours	10 – 23 April 2022

20	Implementing CSV Export system for the devices and the categories	Have a fully compatible and functioning program	5 Hours	23 – 24 April 2022
21	Implementing CSV Import system for the devices and categories	Providing an advanced method for the client to be able to import existing data	6 Hours	26 – 30 April 2022
22	Finish Programming	Have a fully functional program	2 Hours	30 April 2022
23	Testing and Debugging	Testing and removing any bugs or errors from the program	10 Hours	30 April – 7 May 2022
24	Writing Criterion C	Completing Criterion C	8 Hours	8 – 13 May 2022
25	Installing the application and setting the database	Execute and test on the client's computer	1 Hour	14 May 2022
26	Receiving client feedback on final version of the program	Have a feedback form from client (See Appendix 1)	1 Hour	14 May 2022
27	Recording for Criterion D	Finish Criterion D	45 Minutes	15 May 2022
28	Writing Criterion E	Finish Criterion E	3 Hours	15 – 16 June 2022
29	Submitting Computer Science IA Full Draft	Getting feedback and making some changes	1.5 Hours	17 June 2022
30	Meeting with my supervisor for a progress meeting	Ensuring that I can submit the finished assessment	30 Minutes	18 June 2022
31	Submitting Final Internal Assessment	Submission of my IA and having a final version of it	45 Minutes	20 June 2022