**ECM1410 Cover Page**

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| Student ID | **700037512** | **700074221** |
| Weight | 50 | 50 |

**Development Log**

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| Date | Time | Duration (h) | **700037512** | **700074221** |
| 17/03/2021  20/03/2021  30/03/2021  03/04/2021  05/04/2021  05/04/2021  06/04/2021  07/04/2021  09/04/2021  12/04/2021  13/04/2021  13/04/2021  14/04/2021  15/04/2021  20/04/2021  21/04/2021  22/04/2021 | 8:00pm  7:00pm  11:00am  3:00pm  1:00pm  8:00pm  15:00  14:00  14:00  10:00  10:30  10:30  10:30  10:30  10:30  10:30  10:30 | 1.25  0.75  1.25  1  1.5  1  3  2  1.5  2  2  2  2  2  2  2  1.5 | Design decisions.  Created To Do list.  Finished looking at design decisions.  Set up classes, began to add methods.  OOP design.  Discuss data structures and basic functions.  -  Created account object and methods, started on post objects.  Implemented serializable,  documentation, methods for post object.  Worked on methods and constructors for post objects, implemented serializable.  Completed methods for post objects, worked on serializable and documentation, started on SocialMedia.java main methods.  Implemented methods in the social media class, observed method changes, modified other classes so methods in social media worked. Worked on class path and saving platform.  Added documentation, worked on TODOs, added methods to object classes and main SocialMedia class.  Documentation, added showPostChildrenDetails method for showing comments in the format provided, also added postHelper method to help with formatting.  Started work on testing, uploaded object methods to fix issues found while testing.  Completed the testing for all the methods, made a list on validations that still need testing. | Design decisions.  -  Created shared GitHub.  -  -  Discuss data structures and basic functions.  Created basic UML, planned program flow, planned data structures to use, planned object methods.  Created account object and methods, started on post objects.  Implemented methods for post objects, added documentation.  Worked on methods and constructors for post objects, implemented serializable.  Completed methods for post objects, documentation, started on SocialMedia.java main methods.  Implemented methods in social media class, added getter methods and modified old methods to improve OOP design, performed the first test on the system and added more validation.  Added documentation, worked on TODOs, added methods to object classes and main SocialMedia class.  Documentation, Modified comment constructor to add new comment to parent's comment ArrayList, added addComment method to facilitate this.  Started work on testing, uploaded object methods to fix issues found while testing.  Completed the testing for all the methods, created a system of asserts to test the program in an efficient way. |