

ECM1410 Cover Page

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Weight	50%	50%

Development Log:

Date	Time	Duration	710040658	710039177
18/02/23	10.30	1hr	Reading through of the coursework specification identifying the problem and vocalising thoughts on how the structure of the project might look like.	Drawing a flow chart of the possible ways the classes (post, endorsements, accounts, comments) are inter-linked.
18/02/23	17.15	1hr	Finalising the draft class flow chart and started work on a table of possible variables each class would contain in its constructor method.	Reading through the specification alongside looking at the types of methods given in BadSocialMediaPlatform so that we can narrow down which variables arnt needed and which ones are definately going to be used (such as getNumberOfAccounts() obviously needs an integer counter to incrimint).
24/02/23	18.25	45min	After the lecture on inheritance realised that the classes comments and endorsements can inherit from post since they have repeating variales and methods. Downloaded ecplise and used the draft table of class variables for post to start creating the Post class.	Looking into starting a github so that we could share the project more easily and got it running.
29/02/23	9.45	3.5hr	Started to work on the createAccount() method but realised that we need a way of storing the Account objects so we decided on an ArrayList of objects Account. So that each time a account is created its added to the ArrayList. Also realised we could use the same principle for the other classes aswell.	Completely finished the class structures and wrote the getters and setters for them.

07/03/23	22.30	1.5hr	Had gone home for family reasons but commit and pushed to the github of the work done the previous week.	Worked on removeAccount() method but came into an issue where the pointer in the loop while searching through each account was skipping accounts. Spent ages trying to find a work around until stumbled upon Iterator which actively updates the pointer so that if an account was deleted while looping through accounts it was no longer skipping index's.
08/03/23	23.00	2hr	Finished all of the account methods in the SocialMedia.java file. Uploaded it to the github. We both decided to do all the methods and run through the tests after so we can also test compatability.	Create post, endorse post and comment post are all finished. They just need comments added.
16/03/23	14.20	3hr	Between both of us we finished the rest of the methods. It is hard to determine which ones we individually did because there were multiple occasions that one of us got stuck on a method so we sent it to the other via discord and they debugged it and sent it back. There was a lot of back and forth specifically for showPostChildrenDetails().	We both decided it was best to create another separate method called childrenDetails in SocialMedia.java and is called in showPostChildrenDetails. Just so that we could recursively loop through the tree of posts more clearly.
26/03/23	13.10	5hr	All tests were written except for load and save file but we came into an issue where assert was not enabled in intellij. We had to find the VM options and add -enableassert because for some reason it was off by default for both of us.	Tried to get loadPlatform and savePlatform working but since we used ArrayList<Post> and ArrayList<Account> for holding the objects we could only figure out how to serialise not deserialise.
30/03/23	20.45	3hr	We both triple checked our work including comments, indentation, tests and oop design. Could not get the tests for loadPlatform and savePlatform running no matter how much we tried.	Uploaded the file off github and we submitted.