

Criterion E: Evaluation

Evaluation of product

Application able to run on android phones.	Met	The client was happy about this saying 'this app runs very smoothly'. This over all proses of making an android app was relatively easy. Going forward I can also bring the experiences of optimizing this app so that it runs smoothly into the workflow and so I don't have to do the optimization all at the end.
Allow client to create new classes with time and day.	Met	All criteria of this objective were met however the back end of this component is very clunky and not easy to work with. Going forward I can use other techniques such as making the time and day inputs a list and using another technique such as making all the time and dates into one string then store that string in the database.
Allow client to delete class.	Met	The client was concerned about this part as there was no conformation of deleting a class and so many classes can be accidentally deleted. Going forward I need to always consider adding a conformation of deletion as this would be useful in almost every app that I create in the future.
Allow client to create new Assignments.	Met	This was very successful. In the backend of the app the data is stored neatly and is easy for the average developer to read. It is also stored in the database such that no other modifications apart from reading from the dataset is needed.
Assignments notify the user the day before the set due date.	Not met	This was not met as there was not enough time to implement this feature as it was more complicated than first imagined and so had to be abandoned so that it did not affect the development of other features. From this I can see that I need to work on a notification system when I am working on the framework as then it would be easy to implement.
Allow client to delete Assignments.	Met	See 'Allow client to delete class.' As this has the same issues that need resolving as in that success criteria.
See current days classes.	Met	The client was happy with this however they also wished that the classes where ordered in time of class rather than order of being created. This also means that the storage of the data needs to be worked on as this is the reason why the classes could not be easily sorted by time of day.

Extensibility

After discussing with the client, they stated that they were 'satisfied with the result' as it met with most of their criterion apart from the motivations of assignments as stated above.

Recommendations for further development

Minor improvements	Major improvements
The day of the timetable does not automatically increment the days in the app as the days pass in the real world. This can be fixed by storing the day and checking whether the day has passes and checking if that day is a	Due to data being stored in an SQLite database There are security concerns as there in no encryption built in this database. This can be improved on by using the Room database with its Room encryption.

weekday or weekend. The incrementing the day on the timetable by that.	
Have the ability to change the amount of days in the timetable. This can be done by just adding an option in the settings that changes the amount of days so that if you only have a 5-day timetable you can also use this app.	Better presentation of the classes and assignments. This can be done by using a recycling view instead of a list view, then loading the information in a card style as so to have a better presentation of the data that looks better.