

Assignment 3 (due March 21st, 17:00)

You'll be implementing 'My Course Timetable' app.

This application is for your convenience. It will serve as a timetable for the classes you take as a part of your degree, as well as optional reminder that certain class is about to start.

Core (60 points):

1. User should be able to add arbitrary amount of modules to the running app using "Add module" dialogue. Mandatory fields:

1. Module Code
2. Full Module Name
3. Lecture/Practical choice
4. Day of Week
5. Time - start time and end time
6. Location (room #)
7. Additional info (comments)

It is up to you as a developer to determine the type of these fields. This information should be permanently stored in the application and survive application restarts.

2. User should be able to display entered modules in a scrollable list. Scrollable list should contain the following information:

1. Module Code
2. First letter (whether this is P for practical or L for lecture)
3. Short indication of the day (Th for Thursday, Mo for Monday, etc)
4. Start time
5. Location, e.g. B1.06

3. User should be able to click on any course to receive additional information for each course, which will display all the fields specified in 1. Clicking 'Back' should take user back to the list.
4. User should be able to remove any course previously entered to the app. Removal should present a confirmation dialogue to confirm the module information removal. Removing module information should delete this from the permanent storage, so it cannot appear again.
5. Do not forget - the usual rules apply: your app should work on all three typical Android devices: budget phone, typical phone & a tablet. As a developer you need to make an informed decision whether you need to implement different layouts or not.

Additional (20+10+10 points):

1. Implement notifications that can be enabled or disabled, which notifies you that certain course is about to start. Notifications should be configurable per module and offer options to notify 15, 10, 5, and 0 minutes in advance that the module is about to start. Notifications should be implemented using Android notifications framework (20 points max)
2. Design a widget for your app that can be installed on the home screen and shows upcoming lectures and practicals (10 points max)

3. Add preferences where users can change application background colour, font colours and font itself. Give users at least 3 choices for each option (10 points max)

Submit your Eclipse project as a single .zip or .tgz file.

Submission status

Submission status	No attempt
Grading status	Not graded
Due date	Friday, 21 March 2014, 5:00 PM
Time remaining	5 days 5 hours

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