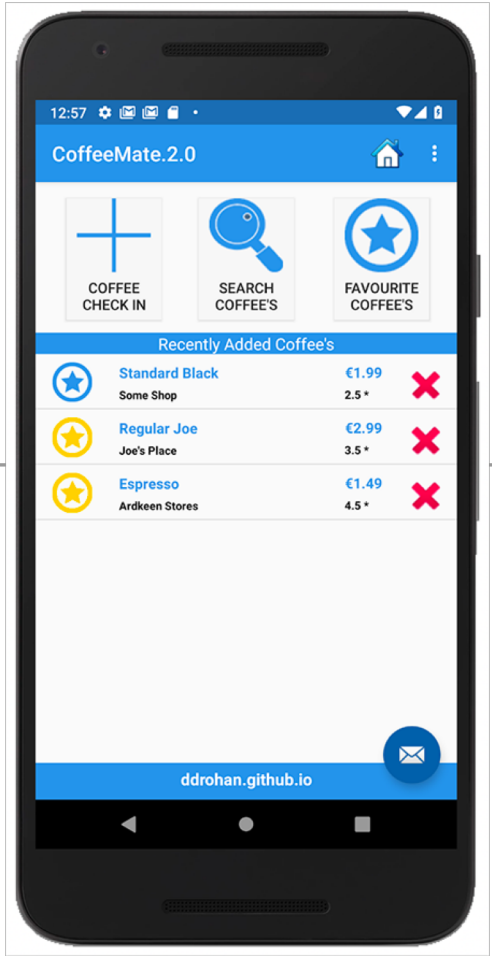
Assignment 1

30% of Overall Grade



Agenda

- Specification
- Grading Rubric
- Submission Guidelines
- Presentation

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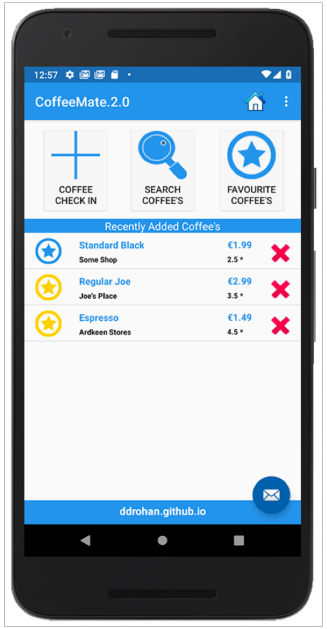
Assignment 1 – Options

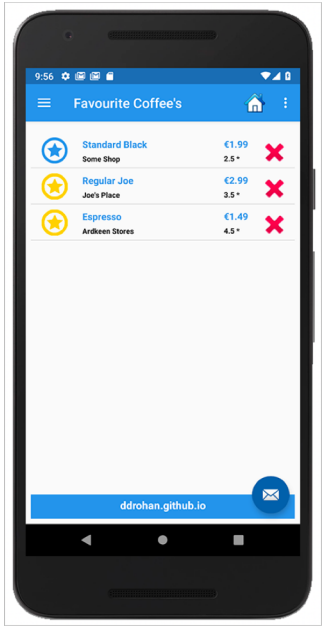
Develop your own app, exhibiting similar level of complexity/feature density as covered in the 1st third of the Semester.

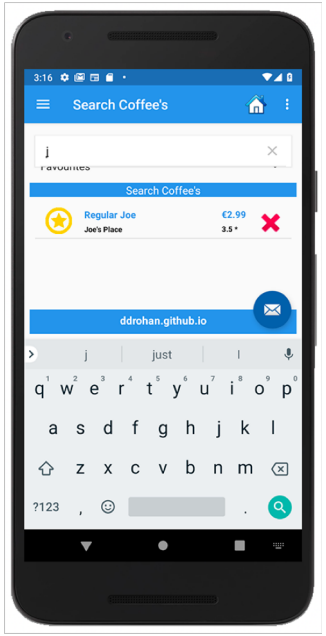
Sample Features (as covered in Lectures / Labs)

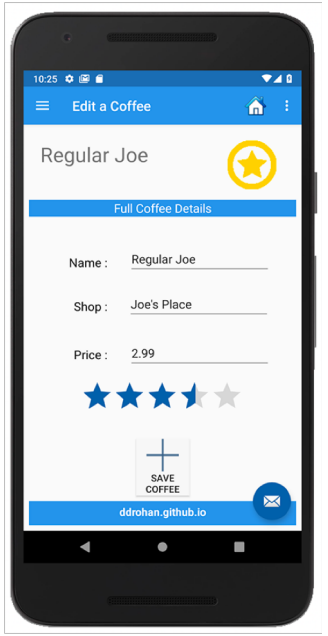
1. Enable User to Add/Edit/Delete Coffees.
2. Complex UI Elements used to display Coffees to User.
3. The coffees are persisted (in an SQLite or Realm database), and will be reloaded when app restarts.
4. Support viewing individual coffees.
5. Allow a user to delete multiple coffees at once.
6. Allow user to search / Filter Coffees in List.

Sample Features (as covered in Lectures / Labs)









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Assignment Rubric for Assignment 1 (30%)

Standard	Functionality [55%]	Model & Persistence [15%]	UX [20%]	DX [10%]
Baseline	Add & List All Activities	1 Model + No Persistence	App Navigation (via Menus)	Data Validation
Good Pass line	View, Update & Delete Features / Activities	1 - 2 Models + Shared Preferences	Conditional App Navigation (via Menus) / Alternative Navigation	Adherence to Android Best Practices
Very Good	Search / Filtering Activities ++	JSON / SQLite	Use of UI elements to complement UX eg NumberPicker Vs EditText	Repo Usage, git etc.
Excellent/ Outstanding (70%+)	Use of 1 or more 3rd Party APi's (pro-rata)	Cloud-based Persistence	UI & Material Design Guidelines adhered to	Automated Testing (models)

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README / Design Doc file

Include a README file

- Name and Student ID
- Brief description of functionality
- References
- Video Link (if not already supplied, see next slide)

Submitting Project Code and APK

Submit archive via Moodle dropbox. This should also include:

- the README file
- an APK and full source of your project
- Youtube Video **LINK** of Main Features (10 mins MAX)

Give read access to your lecturer to your GitHub / BitBucket repos (if applicable) GitHub and BitBucket id is : **ddrohan**

NOTE : IF I HAVE TO CONTACT YOU ABOUT YOUR SUBMISSION YOU WILL BE AUTOMATICALLY DEDUCTED 10% FROM YOUR FINAL GRADE

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Presentation

For this Assignment your Video will suffice as your demo.

However, students may need to attend for interview prior to results being published to verify the authenticity of their work.

An interview schedule will be released for the students in question in any such event.

Questions?