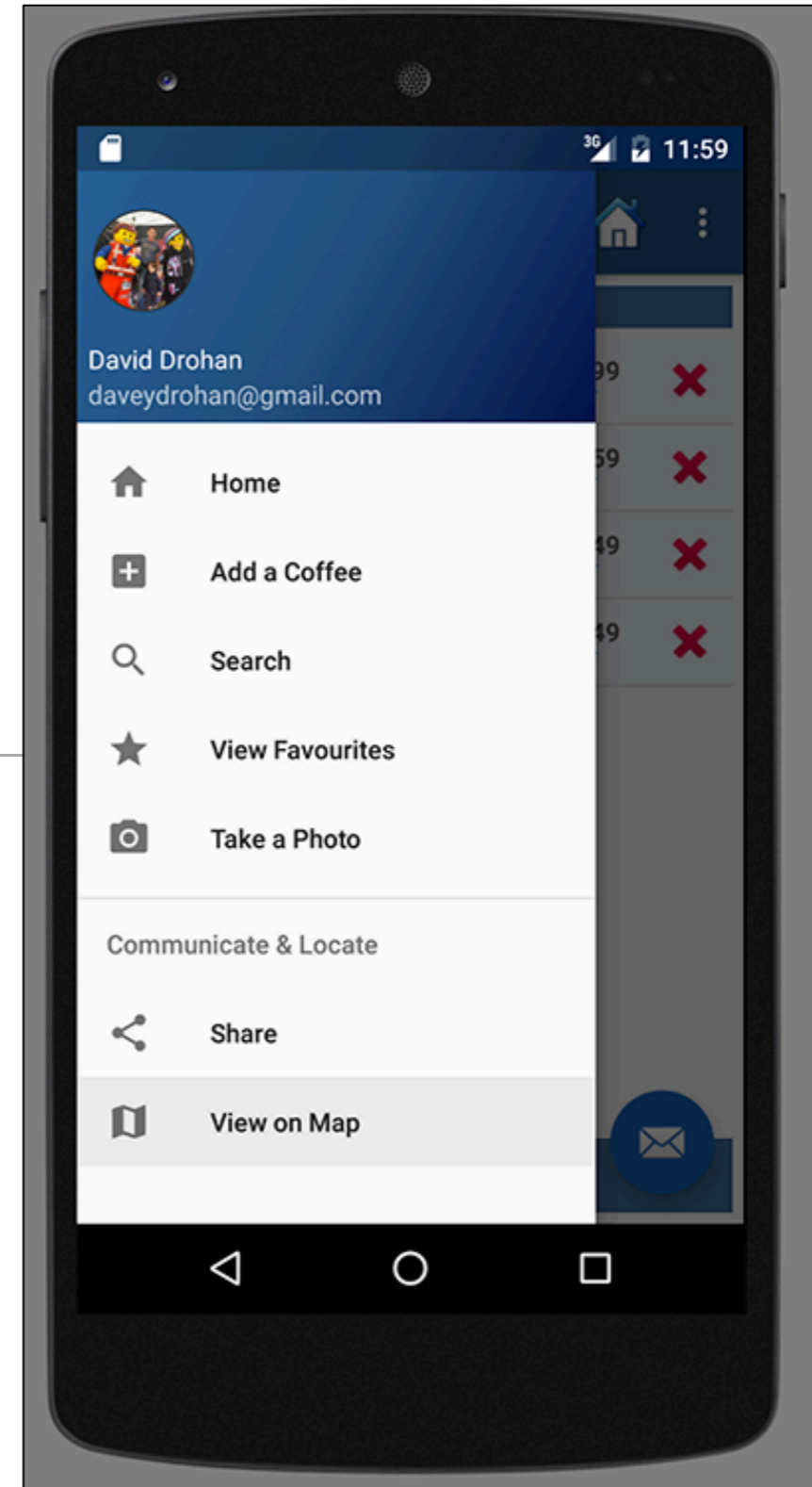


# Assignment

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100% of Overall Grade



# Agenda

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- Specification
- Grading Rubric
- Submission Guidelines
- Presentation



# Agenda

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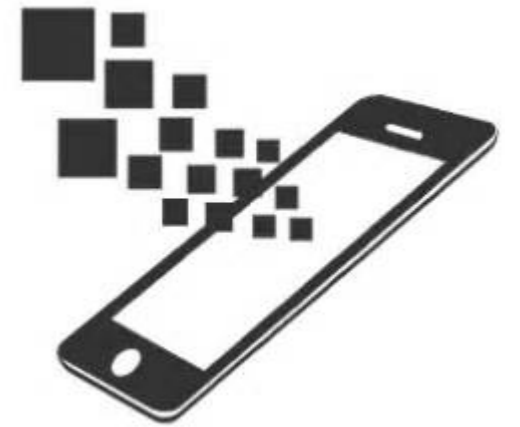
- Specification
  - Grading Rubric
  - Submission Guidelines
  - Presentation



# Assignment

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Develop your own app, exhibiting similar level of complexity/feature density as covered in the Case Study throughout the Semester.

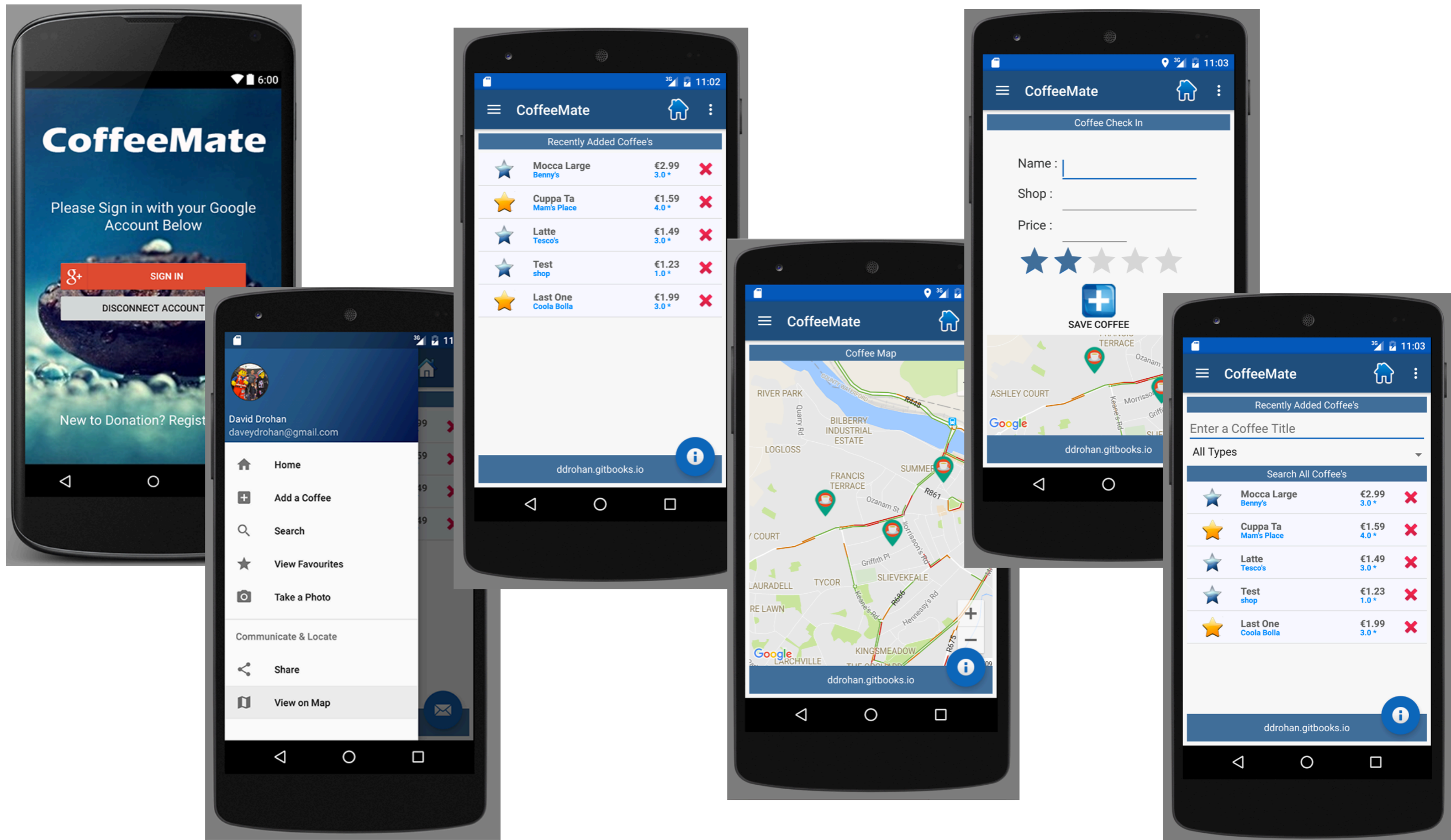


# Sample Features (as covered in Case Study)

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1. A 'Splash' Screen (via multithreading)
2. Enable User Signup / Registration / Login, via Google Sign In
3. The coffees are persisted (in an SQLite database), and will be reloaded when a user logs in.
4. Support viewing individual coffees.
5. Allow a user to delete all coffees from the database.
6. Individual coffee can be updated/deleted/filtered
7. All coffees can be view on a map via Google Maps
8. Current user location stored when coffee added

# Sample Features (as covered in Case Study)



# Agenda

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- ~~Specification~~
- Grading Rubric
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# Assignment Rubric (80% of Final Grade)

Standard	Functionality [60%]	Persistence [20%]	UX [10%]	DX [10%]
Baseline	Basic Functionality with full CRUD	Persistence for duration of app only.	Conditional App Navigation (via Menus)	Data Validation
Good	Additional Functionality as part of CRUD eg searching/filtering	Shared Preferences	Use of UI elements to complement UX eg NumberPicker Vs EditText	Adherence to Android Best Practices
<b>Pass line</b>				
Very Good	Use of >1 3 <sup>rd</sup> Party API	SQLite	UI Guidelines adhered to	Repo Usage, git etc.
Excellent/ Outstanding (70%+)	Use of Google APIs (or equivalent) for authentication, location etc.	Cloud-based Persistence	Material Design Guidelines adhered to	Automated Testing (models)



# Agenda

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- ~~Specification~~
- ~~Grading Rubric~~
- Submission Guidelines
- Presentation



# Technical Report (20% of Final Grade)

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Include a Technical Report, comprising of:

- In depth discussion of all functionality, including, if any, 3<sup>rd</sup> party and/or Google APIs used.
- Your App's future development and possibilities.
- The Business Case for the success of your App
- Personal Statement.
- Git approach adopted and link to git project / access, if any.
- References

# Submitting Project Code and APK

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Submit zip of code via Moodle dropbox. This zip should also include:

- The Technical Report and
- an APK of your project.
- full source of your project (excluding temporary build files)

Give read access to your lecturer to your GitHub / BitBucket repos. GitHub and BitBucket ids are:

- **ddrohan.**

# Agenda

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- ~~Specification~~
- ~~Grading Rubric~~
- ~~Submission Guidelines~~
- **Presentation**



# Presentation

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You will be allocated a 15 minute slot in the final week of lectures and practical labs to present your project.

- Attended by Tuition team only.
- 15 Minute to include demo + Q&A.

Note: I will be strict on the 15 minute allocation, so please arrive into the room with your Laptop ready to go with your app / code walkthrough.

# Questions?

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