

# Module Overview

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Produced  
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# Module Overview

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# Agenda & Goals

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- ➔ Module Structure
- ➔ Assignments
- ➔ Ethos of the Module
- ➔ Language, IDE and more



# Module Structure

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→ 10 credits

→ 8 hours contact per week in FTG24

- Similar format to Programming Fundamentals:
- Lecture with supporting lab work.



# Lectures

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- Introduce theory.
- Slide decks and/or programming demonstrations.
- All material presented will be available online prior the lecture taking place.



# Labs

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- Exercises based on the theory presented in lectures.
- Sometimes we will use labs to introduce new concepts and follow up with a lecture.
- All lab work will be available online and will typically come with solutions.

# Assignments

➔ 100% CA

➔ 2 assignments:

1. Due End Midterm (40%)
2. Due Start Jan (60%)

Week	Delivered by	Assignment Event
1	Siobhán	
2	Siobhán	Assignment 2 spec
3	Siobhán	
4	Siobhán	
5	Siobhán	
6	Siobhán and David	Assignment Studio
7	David	
MIDTERM	MIDTERM	Assignment 1 due end midterm
8	David	Assignment 2 spec
9	David	
10	David	
11	David	
12	Siobhán and David	Assignment Studio Assignment 2 due start Jan



# Ethos of the Module

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- Student engagement:
  - Ask questions, and lots of them!
- Practice makes perfect:
  - practice, practice, practice.
- Work submitted must be your own work:
  - We reserve the right in interview candidates on submitted work to verify:
    - 🔔 Authorship
    - 🔔 Understanding



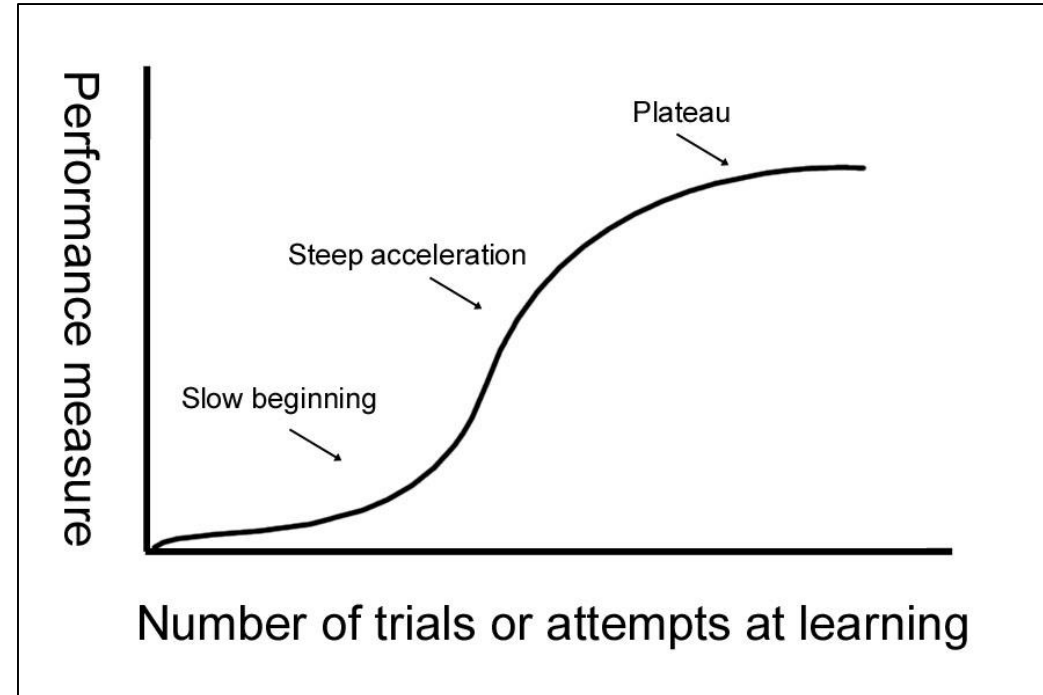


# Learning Curve

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➔ When learning a new topic, there is a learning curve...

- This is natural
- Stick with it
- Ask for help





# Module Objective

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Introduction to android development...

...using a JVM language we are familiar with (Java)

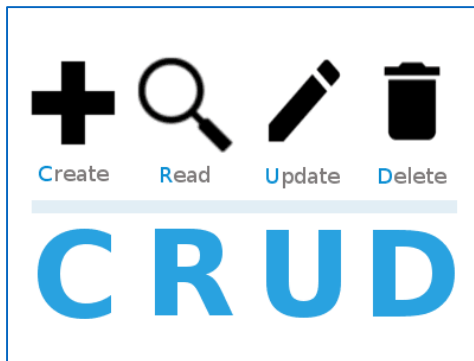
...with development taking place in the Android Studio IDE

...and culminating, time permitting, with the brief introduction of a second JVM language (Kotlin).



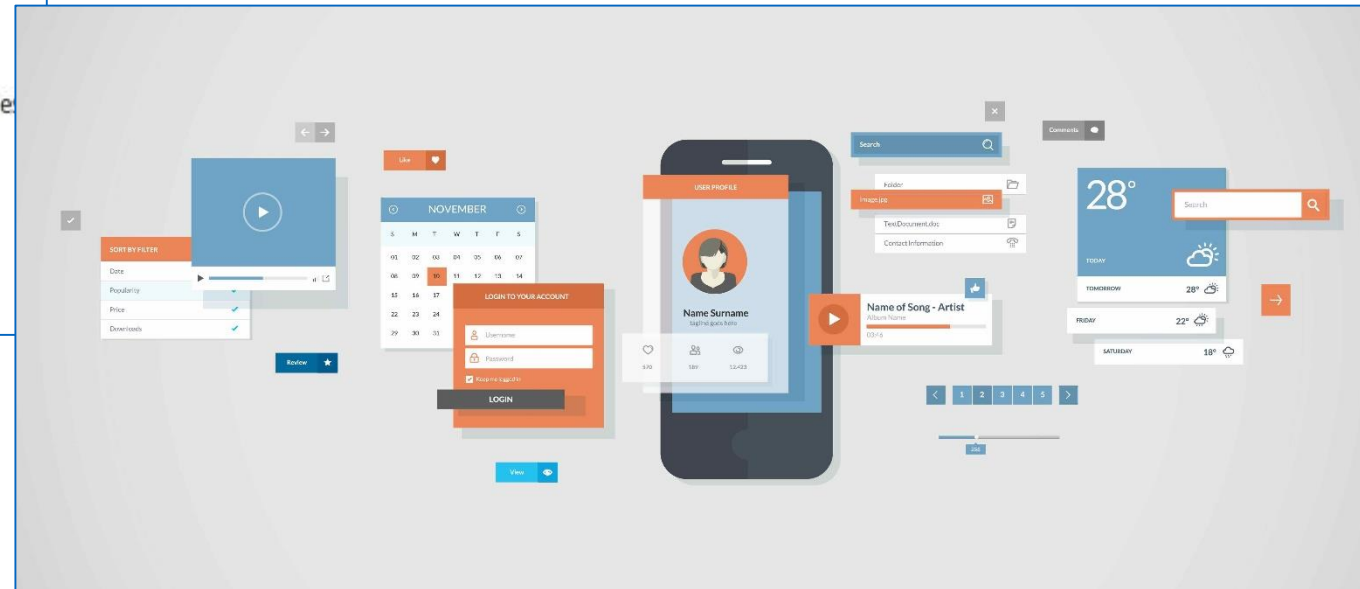
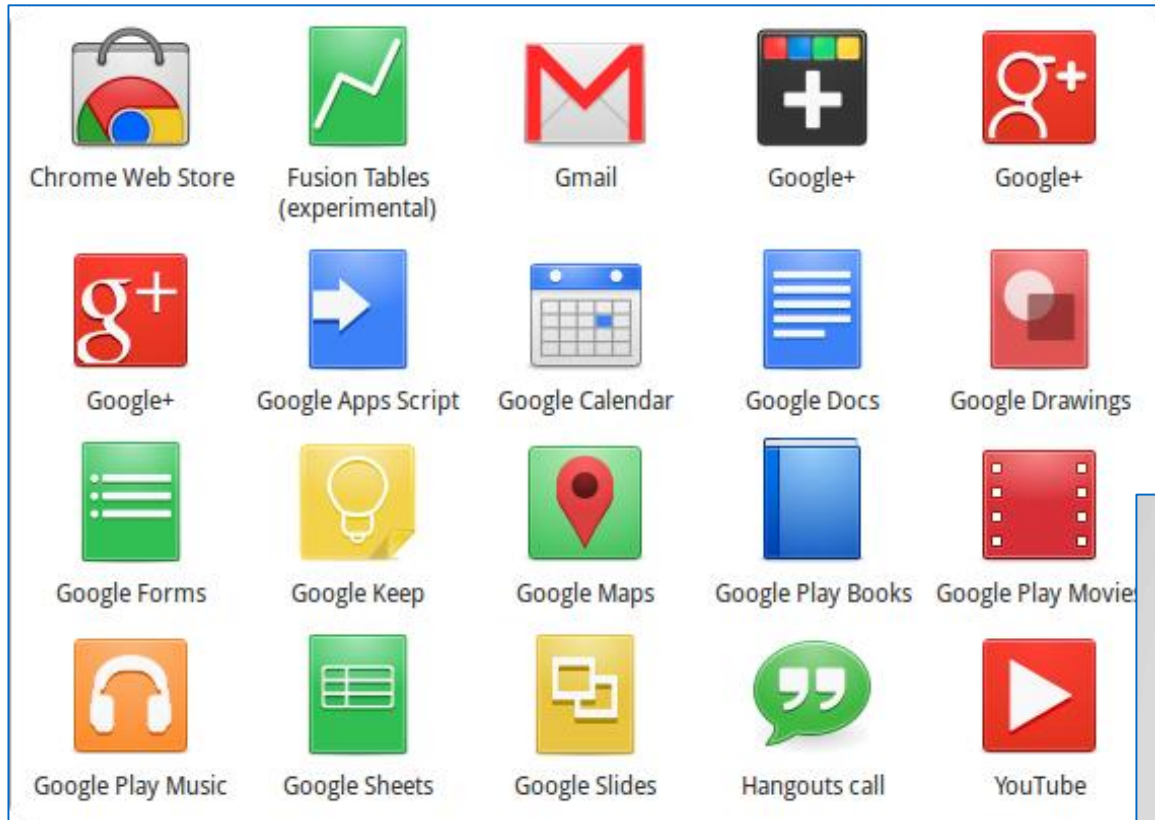
# Language, IDE and more...

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# Settings, Google Services, Material Design...



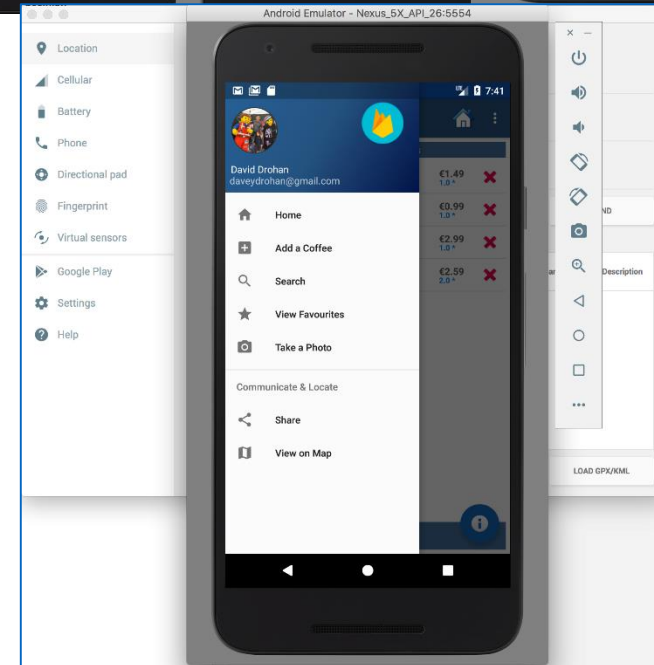
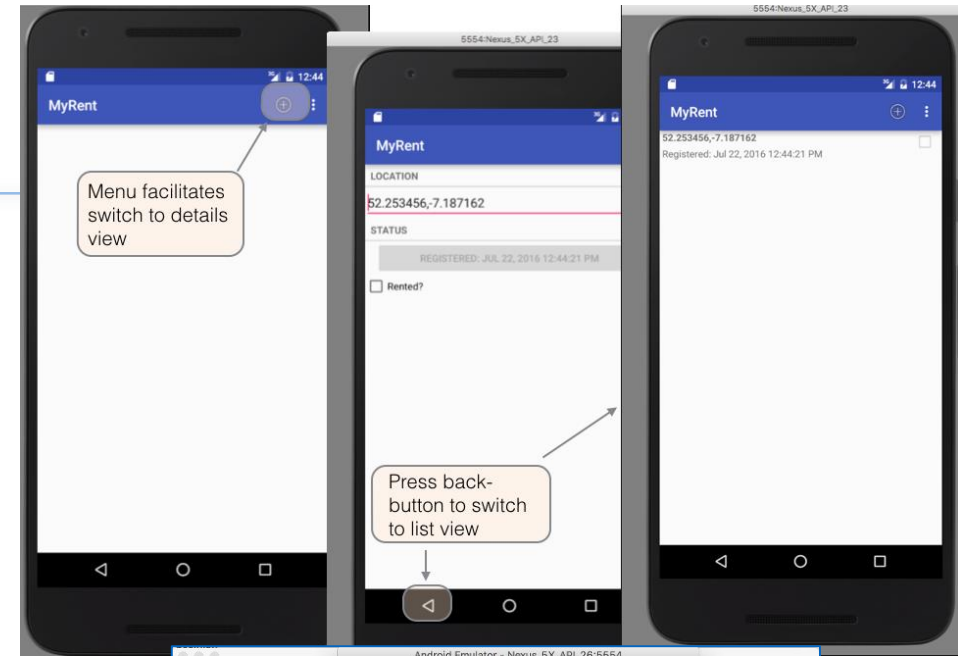
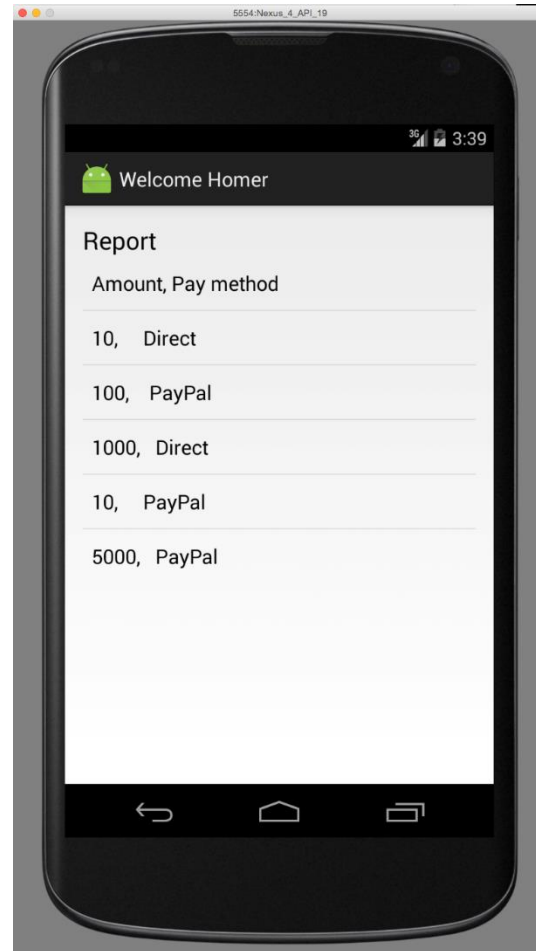
# Develop three different Apps



➔ Donation

➔ MyRent

➔ CoffeeMate





Questions?

