Mobile Application Development (COMP2008)

Administration

Updated: 25 July, 2022

Discipline of Computing
School of Electrical Engineering, Computing and Mathematical Sciences (EECMS)

Welcome to Mobile Application Development (MAD)

Pre-requisites

MAD depends on:

- ~~ISE (Introduction to Software Engineering)~~
- OOPD (Object Oriented Program Design)
- DSA (Data Structures and Algorithms)

Informally related to

MAD has some cross-over with:

- OOSE (Object Oriented Software Engineering)
- DS (Database Systems)

(Though you don't need to have done these units.)

Your unit coordinator and Lecture

Bentley Lecturer

Sajib Mistry

- Email: sajib.mistry@curtin.edu.au
- Office: 314.435

- Approach me after the lecture, or during my prac.
- Email me.
- See if I'm in my office.

Consultation time: Monday 10.00am to 12.00pm

Assessment schedule

	Task	Value %	Date Due	Unit Learning Outcome(s) Assessed	Late Assessments Accepted?*	Assessment Extensions Considered?*
1	Practical Work	20%	**Week:** Various **Day:** TBA **Time:** TBA	1,2,3,4	No	No
2	Mobile Application Assignment 1	40%	**Week:** 9 **Day:** 23 September **Time:** 23:59	1,2	Yes	Yes
3	Mobile Application Assignment 2	40%	**Week:** Week 13 **Day:** 21 October **Time:** 23:59	2,3,4	Yes	Yes

You will receive a mark for each worksheet, and these marks will add up to your overall practical work mark. This will be face to face demo sessions.

To pass the unit, you must achieve a Final Mark of 50% or greater, AND the Assignment 2 mark of 40% or greater.

Program calendar

Calendar Week	Teaching Week	Begin Date	Lecture	Practical	Assessment
1	1	25 Jul	1. Introduction		
2	2	1 Aug	2. Adaptive UIs and Activities (1)	1. Introduction	
3	3	8 Aug	3. Adaptive UIs and Activities (2)	2. Adaptive UIs and Activities (1)	
4	4	15 Aug	4.Local Data (1)	3. Adaptive UIs and Activities (2)	
5	5	22 Aug	5. Local Data (2)	4. Lists and Fragments (1)	Assignment 1 Published
6	6	29 Aug	6. App Interaction (1)	5. Lists and Fragments (2)	
7	—	5 Sep	Tuition Free Week		
8	7	12 Sep	7. Remote Data (1)	6. Local Data (1)	
9	8	19 Sep	8. Web Services and Remote Data (2)	7. Local Data (2)	Assignment 1 Due Assignment 2 Published
10	9	26 Sep	9. Assignment 1 Solution Discussion and App publication	8. App Interaction (1) and. Assignment 1 Demo	
11	10	3 Oct	10. Mobile Web Development (1)	9. App Interaction (2)	
12	11	10 Oct	11. Mobile Web Development (2)	10. Web Development (1)	
13	12	17 Oct	12. Mobile Application Security Fundamental	11. Web Development (2)	Assignment 2 Due
14	13	24 Oct	Study week and Assignment 2 Demo		
15	14	31 Oct	Exam week		
16	—	7 Nov	Exam week		

Resources

- The lecture slides and practical worksheets
  - They'll be updated interatively over the semester.
- There's also the online Android developer guides
  - i.e. the official documentation.
  - https://developer.android.com/guide/
- There's a recommended book:

> Phillips, Stewart and Marsicano, 2017, **Android Programming: The Big Nerd Ranch Guide**, 3rd edition, Big Nerd Ranch LLC, ISBN/ISSN: 978-0134706054.