Lab on apps development for tablets, smartphones and smartwatches

Information for final exam

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When

Lectures + labs

Choose project

Mid-term

Project

Exam dates

Meet-up

September 2025

Mon	Tue	Wed	Thu	Fri	Sat	Sun
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

October 2025

Mon	Tue	Wed	Thu	Fri	Sat	Sun
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

November 2025

Mon	Tue	Wed	Thu	Fri	Sat	Sun
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

December 2025

Mon	Tue	Wed	Thu	Fri	Sat	Sun
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

January 2026

Mon	Tue	Wed	Thu	Fri	Sat	Sun
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

February 2026

Mon	Tue	Wed	Thu	Fri	Sat	Sun
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	

Project upload January 22nd

FINAL January 29th - 30th

Meet-up (tentative)

Project classes

- Attendance in class strongly advised
  - Main way to interact with us, especially the TA(s) supervising your project
  - Contact the supervising TA(s) every week during class sessions for
    - Reporting progress, issues, updates to gitLab repository
    - Discuss next steps

- Also, office hours
  - Stated on Moodle, 2-hours slot each week (but we are flexible)
  - Send us an e-mail to request an appointment

- ***Be proactive!***

Final exam

- You need to upload on Moodle
  - the working APK
  - source code
  - your slides
  - (optional) video

  in a zip file by **January 22nd** end-of-day

- We will
  - compile your code
  - check functionality against requirements

- **Read and follow** the **”Project handout instructions”** pdf carefully (on Moodle)

Final exam

- **Jan 29th - 30th** Evaluation through an oral exam related to group project

  - **25** minutes per group
    - + 5 minutes for setting up, checking Camipro...
  - Tentative exam slot published in Moodle
    - let us know if your constraints!
  - Place: **ELG 123** (EL Building)
    - You need to be in front of the room 10min before exam begins
  - We will have a laptop with the slides you submitted
  - You must demo the app working on tablet/smartphone and watch
    - Even though we will have tried your code ourselves beforehand
  - Explain your project with slides
    - optionally, also a short video

Final exam

- Final exam contributes to **65%** of the overall course grade

Grade based on

- Overall project assessment
  (per group)
  - Minimum requirement satisfied?
  - Amount of work done
  - Difficulty of the project
  - Quality of the code
  - UI look and feel
  - User friendliness
  - Work above minimum requirements
- Individual assessment
  (can vary among persons in the same group)
  - %project developed
  - Difficulty of his/her part
  - Knows his/her part well
  - Answers questions correctly

Instructions for project presentation

Slides: maximum 12 slides → recommended 8-10 slides

- 1st slide (cover):
  - Project number and title (e.g. “Group 1.A: Human drone control”)
  - Members of the project

- 2-3 slides: Block diagram and high-level explanation of your application
  - What does your app do, what external devices you use?
  - Explain how you split the work (who did what exactly)
    - we expect all students in the group to be able to answer technical questions on their part
    - as well as questions on the overall app architecture/functionality

Instructions for project presentation

Slides: maximum 12 slides → recommended 8-10 slides

- 4-5 slides: Android architecture and app. design
  - How did you design the app?
  - What are the Android components it?
    - Composable/screens
    - Navigation/menus
    - ViewModels
    - etc.…
  - Do you have
    - A database
    - A connection to the cloud
    - Broadcast receivers
    - ...etc... ?