

App Report (Part 2)

Deadline	September 23 rd 11:59pm
Deliverable	Document PDF in BN
Possible points	45 points

APP Report – Deliverable description

At this point of the semester, you must have selected an open-source and you receive feedback of the App Report part 1. If you need to change the app, you must fill out again the form.

Remember, you have until the deadline to send us your report in the corresponding deliverable in BN. **If you do not follow the instructions, we will grade you with a 0.**

Disclaimer:

As you may know, we expect you to deliver your work with the **BEST** quality possible. You are expected to use the knowledge obtained through your entire undergrad and apply it to everything you do on this course. The score value is given based on this criterion. What we understand for excellent quality:

1. **Clear images:** Do not upload pixelated or unreadable images.
2. **Be organized:** keep the same format for all sections. Put the same units together in a logical order.
3. **Implementation:** follow the criteria **learned in class, laboratories, and the book**. **Please read the instructions for each one of these resources carefully.** Remember that if you have any questions about something, each **TA and Teacher has 2 hours of attention a week**; please use them and ask if any topic is not clear.



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App Report 2 – Detailed Description

This report should be delivered in the **App-report groups** and **only one** person must upload it to BN. **Remember that these groups are the subgroups of the main group.**

Deliverable Description

1. **[MUST]** You must apply all the recommendations and suggestions given to you in the feedback of the app report 1.

Note 1: If you had to change app you must do the App report part 1 again.

Note 2: If **you do not** deliver all the changes of your app report, this deliverable will not be graded.

2. **[MUST]** You should include the link for the repository in the report (preferable at the beginning).

Note: If you do not deliver the link, this deliverable will not be graded.

3. **[Max 20 points] Architecture.** Use your knowledge in design patterns and architecture patterns to analyze the ones used in the app. **You must include snippets of code that proves what you are saying.**
 - a. For the groups of 3, describe at least 3 design patterns
 - b. For the groups of 2, describe at least 2 design patterns

If there is no evidence of design patterns in the selected app, propose the number of missing patterns (2/3), indicate where they should be implemented and why.

4. **[Max 10 points] UI/UX.** Use your knowledge in UI/UX to describe and analyze the design of your app. Describe all the basic components of the UI/UX of the selected app (color, fonts, design metaphor, etc.), answer the following questions what do you think can be improved? what did you like? And:
 - a. For the groups of 3, analyze in detailed at least 3 views.
 - b. For the groups of 2, analyze in detailed at least 2 views.
5. **[Max 7 points] Quality attributes.** Based on your analysis, what quality attributes is your app managing? How are they doing it?
 - a. For the groups of 3, describe at least 3 quality attributes
 - b. For the groups of 2, describe at least 2 quality attributes
6. **[Max 8 points] Libraries.** Describe: What libraries and dependencies does your app implement? What are they for?

This App report is a cumulative work; thus, you must deliver App report part 1 and App report part 2 in a single file.