

Project Assignment for the Course on Programming Ubiquitous Things Spring 2025 IFI/UiO

Template for Group Project Report (An insurance company)

Group: __

Name: _____ E-mail: _____

Name: _____ E-mail: _____

(PAGE LIMIT: 6 pages – excluding the cover and the wireframe attachment)

1 Achievements

Describe which features stated in the project specification were implemented. Fill out the following table. For each feature, indicate its implementation state. If partially implemented, describe what was achieved.

Version	Feature	Fully/Partially/Not implemented?
Baseline	Login	
	Logout	
	Modify the current password	
	Access claims	
	Insert new claim	
	Update/replace claim	
	Off-line operation	
Advanced	Map of the accident	
	Photo of the accident	

2 Mobile Interface Design

Attach your wireframe sketch to this document. Use this section to explain any differences between the initial wireframe sketch and the final Android layouts.

3 Baseline Architecture

3.1 Data Structures Maintained by the Application

Describe which data structures you maintain during the execution of the baseline features on your Android app and how you maintain them.

Describe the conceptual solution and implementation of each of the baseline functionalities listed in the following subsections.

3.2 Login

3.3 Logout

3.4 Modify Password

3.5 Access Claims

3.6 Insert new claim

3.7 Update/replace claim

3.8 Off-line operation

4 Advanced Features

4.1 Data Structures Maintained by the Application

Describe which data structures you maintain during the execution of the advanced features on your Android app and how you maintain them.
Describe the conceptual solution and implementation of each of the advanced functionalities listed in the following subsections.

4.2 Map of the accident

4.3 Photo of the accident

5 Questions Answers

Present the answers to the questions raised:

e. Is the login mentioned in step (c) in the project specification document done correctly?
f. Why does the above situation happen?
g. What are the possible solutions for the above situation?
h. Implement one of such solutions (mentioned in the previous item) and explain it.

6 Limitations

List the currently known limitations of your project (e.g., bugs, restrictions in the test environment, etc.)

7 Conclusions

State the conclusions of this work.

Please provide some input on how the practical component of the course could be improved in future editions.

8 Annex

8.1 Application wireframe