**“Mobile Applications Development”**

**course**

**a.y. 2011-2012**

**YOUR\_APP\_NAME**

**Technical Documentation[[1]](#footnote-1),[[2]](#footnote-2)**

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| **Team Members[[3]](#footnote-3)** | | |
| **Name** | **Student Number** | **E-mail address** |
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Architecture

# Architecture Overview

Create a picture representing the architecture of the application being developed + description. Do not provide many details here, the main concern here is understanding the functioning of your app from an high-level point of view.

# Data Sources

Provide a list of all the data sources (external REST APIs, DB, web services, ...). For each data source you have to briefly explain how you use its provided data and services.

# Used Technologies

Provide a list of all the frameworks and libraries you use in your app (e.g., jQueryMobile, RequireJS, Backbone.js, state-machine, ...). For each element in the list you have to briefly explain how you use it and why.

Development Activities

# Smart Solutions

Describe the solutions you implemented that you judge as being particularly smart or effective.

# Quality Assurance

Describe how you tested and debugged your application, which libraries/frameworks you used, and which level of confidence did you reach.

# Difficulties

Describe the main difficulties you had while developing your app, and how you handled them. Difficulties may be prioritized with this range: [LOW-MEDIUM-HIGH]

# Activities Log

Provide a well-defined timeline about how you organized your work for this project by adhering to the following table. Here you have to focus on ALL the activities that you carried on from the beginning of the project (that is, from the activities related to the elevator pitch) to the very end of the project (that is, the final discussion). If you need space, you can delete the legenda from this doc. It is preferrable that you specify the activities in the exact order you performed them.

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| --- | --- | --- | --- | --- | --- | --- |
| Activity | Duration (h) | Where | #Team Members | #Iterations | Outcome | Tools Used |
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**LEGENDA**

* **Activity**: a representative name for the activity. It must be an item of the following list:
  + **BRAIN:** brainstorming
  + **COMP:** competitors investigation
  + **MAP:** site map
  + **LOFI:** lo-fi wireframes
  + **HIFI:** hi-fi wireframes
  + **REQ:** requirements elicitation & definition
  + **FEAT:** features discussion and definition
  + **STUDY:** study of mobile-related topics, frameworks, technologies
  + **PROOF:** development of proof-of-concepts
  + **DEV:** development of some functionality
  + **TEST:** testing/debugging
  + **SERVER:** server-side development or configuration
  + **OTHER:** other activity, specify which one
* **Duration**: total duration in hours of the activity
* **Where**: the physical place where you performed the activity, for example: “at home, uni, ...”. It can be a list of values.
* #**Team Members**: the number of team members participating in the activity
* **#Iterations**: the number of iterations done for completing the activity (that is, how many times did you performed some task related to the activity)
* **Outcome**: the artifacts resulting from the activity, for example: “requirements list, wireframe, code, ...”
* **Tools** **Used**: the tools used for performing the task, for example: “Powerpoint, Sublime Text 2, Eclipse, web browser, Balsamiq, Open Office, paper & pen, ...”

1. The max length of this document is 10 pages [↑](#footnote-ref-1)
2. The structure of this document is fixed, it cannot be changed in any way [↑](#footnote-ref-2)
3. The team leader is listed as first member in this list [↑](#footnote-ref-3)