

# Oasis Administration for GIRAF





**Department of Computer Science  
Aalborg University**

Selma Lagerlöfs Vej 300  
DK-9220 Aalborg Øst  
Telephone +45 9940 9940  
Telefax +45 9940 9798  
<http://cs.aau.dk>

**Title:** Oasis Administration for GI-RAF

**Subject:** Android Systems

**Semester:** Spring Semester 2012

**Project group:** sw604f12

**Participants:**

Henrik Klarup

Jens Mohr Mortensen

Dan Stenholt Møller

**Supervisor:**

Ulrik Nymann

**Number of copies:** X

**Number of pages:** X

**Number of appendices:** X Pages

**Completed:** X

**Synopsis:**

|   |
|---|
| This project is about the development of... |
|---|



---

## Preface

---

This project has been produced in the spring of 2012 in the sixth semester of the software engineering study at Aalborg University.



---

## Contents

---

|            |                                    |           |
|------------|------------------------------------|-----------|
| <b>I</b>   | <b>Introduction</b>                | <b>1</b>  |
| <b>1</b>   | <b>Analysis</b>                    | <b>3</b>  |
| 1.1        | Requirements . . . . .             | 3         |
| 1.2        | System Definition . . . . .        | 3         |
| <b>II</b>  | <b>Development</b>                 | <b>5</b>  |
| <b>2</b>   | <b>Design</b>                      | <b>7</b>  |
| 2.1        | Vision . . . . .                   | 7         |
| 2.2        | Use Cases . . . . .                | 7         |
| <b>3</b>   | <b>Development Process</b>         | <b>8</b>  |
| 3.1        | Sprints . . . . .                  | 8         |
| <b>4</b>   | <b>Implementation</b>              | <b>9</b>  |
| 4.1        | Architecture . . . . .             | 9         |
| 4.2        | Test Cases . . . . .               | 9         |
| <b>III</b> | <b>Discussion</b>                  | <b>11</b> |
| <b>5</b>   | <b>Reflections and Evaluations</b> | <b>13</b> |
| 5.1        | Conclusion . . . . .               | 13        |
| 5.2        | Future Work . . . . .              | 13        |
| 5.3        | Conclusion . . . . .               | 13        |

|           |   |           |
|-----------|---|-----------|
| 5.4       | Future Work . . . . .                         | 13        |
| <b>IV</b> | <b>Appendix</b>                               | <b>15</b> |
| 5.5       | Sprint Burndown Charts and Backlogs . . . . . | 16        |
|           | <b>Bibliography</b>                           | <b>16</b> |



# Part I

## Introduction



# CHAPTER 1

---

## Analysis

---

As a part of the multi project, we are not directly solving the problem ourselves, but providing a part such that the other project groups can perform that task easier. As we did not solve the problem directly we have made our own problem definition: *How can we provide a set of tools which can help develop application for the GIRAF-system?* As a way to solve this we have chosen to make 3 projects, a library providing methods and classes, a database to save information and an application to control the content of the database.

### 1.1 Requirements

When we where to develop our library we asked the other groups to supply requirements. We received the following requirements: Save data on the device Various classes for: Profiles Media Apps Departments From this we derived some features which will be shown in appendix FeatureList.

### 1.2 System Definition

*Tail*

# Part II

## Development



## CHAPTER 2

---

Design

---

### **2.1 Vision**

### **2.2 Use Cases**

A few use cases for each part of the vision.

## CHAPTER 3

---

### Development Process

---

#### **3.1 Sprints**

Beskrivelse af sprints



## CHAPTER 4

---

### Implementation

---

#### 4.1 Architecture

#### 4.2 Test Cases

*Tail*

# Part III

## Discussion

*Head*

## CHAPTER 5

---

### Reflections and Evaluations

---

**5.1 Conclusion**

**5.2 Future Work**

**5.3 Conclusion**

**5.4 Future Work**

*Tail*

# Part IV

## Appendix

## 5.5 Sprint Burndown Charts and Backlogs



---

## Bibliography

---