|  |  |  |
| --- | --- | --- |
|  | **JKU - JOHANNES KEPLER UNIVERSITÄT LINZ | JKU LINZ**  **ISSE - Institute of Software Systems Engineering** |  |

|  |  |  |
| --- | --- | --- |
| **Course:** UE Software Engineering | **Course ID:** 343.309 | **Semester:** 2021W |
| Simon Primetzhofer  11942035  simon.primetzhofer@live.at | Stefan Haslhofer  11908757  haslhofer.stefan@gmail.com |  |
| Kaan Baylan  11910231  kaan.baylan28@gmail.com | Jonas Reichhardt  11908755  office@jonasreichhardt.at |  |

## Milestone 1 Report – Team 2

### 1. Overall Architecture



The airport management system is based on the four subsystems like they are displayed in the above package diagram. Every subsystem directly communicates with all other subsystems since the control system management as a central part is not available in this case. This specifically means that Airside and Landside management provide their vehicles’ route information and consume them from the respective other part instead of having the control system management between them. We can see that every subsystem provides and consumes information from every other subsystem which makes it quite interconnected.

### 2. System

Artifacts to be described here: **Use Case Diagram, Use Case Specifications (one per use case)**

**What to describe:**

* Describe the Actors of your system (use case diagram image). Add a brief textual description for each Actor.
* Describe the Actors relations with the use cases (use case diagram image).
* Describe the flow of actions/steps performed in each use case (use case specification). For the specification, please add it as text, not image.
* For each sub-system (see sections next), please provide the same information given for the system.

#### 2.1 Sub-system 1/Sub-system name - [Student **N**ame]

#### 2.2 Sub-system 2/Sub-system name - [Student **N**ame]

#### 2.3 Sub-system 3/Sub-system name - [Student **N**ame]

#### 2.4 Sub-system 4/Sub-system name - [Student **N**ame]

#### 2.5 Sub-system 5/Sub-system name - [Student **N**ame]

### 3. Design Decisions

The decisions related to the project. Why was something done?

### 3. Change Log

What have changed between different deliverables (D3, D4...)