## Work division for Sprint 1

### Week 1

**Goal:** Define the Simulation area (part of the app that will be displaying the airport).

**Steps to be taken:**

1. Create a draft version of the UMLs
2. Belt drawing in the picture box
3. Creating a component of 3 picture boxes communicating together
4. Control start of the app( functionality of “Start” button)
5. Define simulation objects such as :
   1. Piece of baggage
   2. Passenger

**Deliverables:** none

### Week 2

**Goal:** Make documentation for the current solution, support it with UMLs, add minor improvements

**Steps to be taken:**

1. Define class relation in the existing solution
2. Recreate UMLs in case if needed
3. Add input fields to the current solution

**Deliverables:** none

### Week 3

**Goal:** improvement phase

**Steps to be taken**: to be defined

**Deliverables:**

1. Final URS for iteration 1;
2. The final version of the plan for iteration 2;
3. Source code of proof of concept;
4. Proof of concept;
5. The updated version of work division report

### Week 4

**Goal:** Prepare the proof of concept

**Deliverables:** UML Class diagram(s) & non-trivial sequence diagram(s) of proof of concept

### General division

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| --- | --- | --- | --- | --- | --- | --- |
|  | Artemiy | Ana | Ignas | Qi-Mo | Robert | Andrei |
| Week 1 | Start implementing | Start implementing | Start implementing | Start implementing | Start implementing | Start implementing |
| Week 2 | Develop UMLs | Sequence diagram | Develop UMLs | Develop UMLs | Sequence diagram | Sequence diagram |
| Week 3 | App improvements+fixing bugs | App improvements+fixing bugs | App improvements+fixing bugs | App improvements+fixing bugs | App improvements+fixing bugs | App improvements+fixing bugs |
| Week 4 | UMLs adjusted + Design update for next sprint | Sequence diagram adjusted | UMLs adjusted | UMLs adjusted | Sequence diagram adjusted | Sequence diagram adjusted |