

Furniture Warehouse

Simulation Software

Iteration Plan - Iteration 2

**Members:** Denisa Apostol

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# **Activities**

## Week 1

|  |  |
| --- | --- |
| **Task** | **Responsible** |
| User can set warehouse specification such as:   * Total number of racks * Number of racks per line | Iana |
| Work on URS | Amira |
| Show a list of orders on main screen, make each removable | Denisa |
| The map should render the correct amount of racks | Leo |
| Create CSV file for the orders | Emese |
| Work on the overview | Bogdan |
| Implementing details, Update work division report | Everyone |

## Week 2

|  |  |
| --- | --- |
| **Task** | **Responsible** |
| Collecting the resulting data from the simulation | Bogdan |
| Can read order shipment details from a text file (TimeStamp, furniture ID, quantity, inbound/outbound) | Denisa |
| User can set warehouse specification such as:   * Available AVGs * Size of the warehouse (height, weight) | Iana |
| According to the order DateTimes, the length of the simulation has to be calculated  A timeline has to be shown that dynamically shows the simulation time | Emese |
| Optimize the algorithm | Leo |
| Work on Design Document | Amira |
| Fixing bugs, Update work division report | Everyone |

## Week 3

|  |  |
| --- | --- |
| **Task** | **Responsible** |
| The AGV-s should be rendered at least at the starting and ending point | Leo |
| URS & design document | Amira |
| Charts page should be prepared to show results | Emese |
| Concept Iteration 3 plan | Iana |
| Save orders to .csv file (“Save to file”) | Denisa |
| Store and compare the previous overview with the current one | Bogdan |
| Update work division report, Fixing bugs | Everyone |

## Week 4

|  |  |
| --- | --- |
| **Task** | **Responsible** |
| Optimize algorithm | Everyone |
| Final version of URS | Amira |
| Progress with charts | Emese |
| Deliver final version of Iteration 3 Plan  Update work division report  Final version of Design document  Test Report for Iteration 2  Prototype of final product | Everyone |

# **Deliverables:**

* Final URS, design document & test report for iteration 2
* Final version of plan for iteration 3
* Source code of prototype
* Prototype
* Updated version of work division report