Requirements

Table 1:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ID | Module | Functional / Non-Functional | Description | Priority | Risk | Status |
| 1. 1 | transportation | Functional | The system will allow transportation managers to define and change different shipment areas | MH | Low risk |  |
|  | transportation | Non-Functional | In the system a shipment area will be defined by name and a number | MH | Low risk |  |
|  | transportation | Functional | The system needs to allow transportation manager to order a transportation | MH | Low risk |  |
|  | transportation | Functional | The system will document all the transportations | MH | Low risk |  |
|  | transportation | Non-Functional | The system will contain a map of all the transportations | MH | Low risk |  |
|  | transportation | Non-Functional | The system will have a transportation document that will contain the date, departure time, truck number, driver id, whether the transport was cancelled, origin and the destination of every transportation | MH | Low risk |  |
|  | transportation | Functional | The system will give the truck driver a numbered document with the list of items he's shipping | MH | Low risk |  |
|  | transportation | Non-Functional | The system will contain a dictionary with an id and the list of items for every destination | NTH | Low risk |  |
|  | transportation | Non-Functional | The system will contain the address, phone number and name of a contact person for every site | MH | Low risk |  |
|  | transportation | Non-Functional | The system will contain the plate number, model, net weight and the maximal weight for every truck | MH | Low risk |  |
|  | transportation | Functional | The system will calculate the weight of the truck according to the items at the beginning of every transportation and when items are being added | MH | Low risk |  |
|  | transportation | Functional | The system will notify the transportation manager if the weight of a truck is above its maximum weight | MH | Low risk |  |
|  | transportation | Functional | The system needs to allow transportation manager and the driver to change and remove destinations, replace a truck and reduce the items being transported in every transportation | MH | Low risk |  |
|  | transportation | Functional | For every change in a transportation the system will change the transportation document accordingly | MH | Low risk |  |
|  | transportation | Non-Functional | The system will contain the licenses of every driver | MH | Low risk |  |
|  | transportation | Functional | The system will not allow drivers to be appointed to a transportation without an appropriate license | MH | Low risk |  |
|  | transportation | Functional | The system will allow a transportation manager to appoint a driver to a transportation while adhering to the restrictions | MH | Low risk |  |
|  | transportation | Functional | The system will allow the transportation manager to appoint a truck to a transportation | MH | Low risk |  |
|  | transportation | Functional | The system will not allow to insert a document with an id of a document that exist in the system | MH | Low risk |  |
|  | transportation | Functional | The system needs to notify the transportation manager if the transportation needs to go through more then one shipment area | MH | Low risk |  |
|  | transportation | Functional | The system will allow drivers to document unforeseen accident's in a transportation | MH | Low risk |  |
|  | transportation | Functional | The system should be able to display all of the documents to the users | MH | Low risk |  |
|  | transportation | Functional | The system should allow transportation manager to add and remove trucks and drivers to the system | MH | Low risk |  |
|  | transportation | Functional | The System will notify the transportation manager if there are no eligible drivers for a transportation | MH | Low risk |  |

Table 2:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| id | Topic | Issue | Client answer |  |  |
|  | Transportation deadline | Are there deadlines to transportations |  |  |  |
|  | Sites names | Can there be more then one site with a certain name in a shipment area | no |  |  |
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