**עבודה 1 – תרשימים**

מגישים:

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**חלק 1 - דרישות:**

**טבלת 1 – טבלת דרישות:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ID | Model | Functional/Non-Functional | Description | Priority | Risk | Status | Implementable |
| 1 | Transportation | Functional | The system must provide delivery of a product when there is a shortage. | MH | High | Backlog | No – We need to connect to stock |
| 2 | Transportation | Functional | The system must support management of a transports documents in the transport management database. | MH | low | Backlog | Yes |
| 3 | Transportation | Non-Functional | Each transport has date, time of departure, truck number, driver name, weight of the truck, source and destinations. | MH | low | Done | Yes |
| 4 | Transportation | Functional | The system must provide to the driver a destination document for each destinations. | MH | low | In progress | Yes |
| 5 | Transportation | Non-Functional | Each destination document has number of the document and the list of products provided in this destination. | MH | low | Done | Yes |
| 6 | Transportation | Non-Functional | Each source has address, phone number and name of the contact person. | MH | low | Done | Yes |
| 7 | Transportation | Non-Functional | Each truck has license number, model, net weight, maximum capacity weight. | MH | low | Done | Yes |
| 8 | Transportation | Functional | The system must support weigh of the truck before the truck leaving the source. | MH | high | In progress | Yes |
| 9 | Transportation | Functional | The system must warn if the actual weight exceeds the maximum weight. | MH | low | In progress | Yes |
| 10 | Transportation | Functional | The system must prevent the placement of a driver without a proper license for the truck selected for transportation. | MH | low | In progress | Yes |
| 11 | Transportation | Functional | The system must support redesign the route in case of weight deviation. | MH | high | In progress | Yes |
| 12 | Transportation | Functional | The system must update the transport document about the redesign of the route. | MH | low | In progress | Yes |
| 13 | Transportation | Functional | The system must support management of a trucks system. | NTH | low | Done | Yes |
| 14 | Transportation | Non-Functional | Each transport document has date, time of departure, truck number, driver name, weight of the truck, source, destinations and about redesign if done. | MH | low | Done | Yes |
| 15 | Transportation | Functional | The system must support the redesign of downloading or replacing one of the destination, or replacing a truck, or removing some of the products from the truck. | MH | high | In progress | Yes |

טבלה 2 – שאלות שאינן משפיעות על מימוש המודול בשלב:

|  |  |  |
| --- | --- | --- |
| ID | Topic | Issue |
| 1 |  |  |
| 2 |  |  |

טבלה 3 - שאלות המשפיעות על המימוש אך אינן משנות משמעותית את קושי המימוש:

|  |  |  |
| --- | --- | --- |
| ID | Question | Answer |
| 1 | Who defines the different shipping areas? | Each site has address which contain the area of the site. |
| 2 | Where do we get the data about the trucks from? | We will allow a trucking manager to manage his truck system. |
| 3 | How the weight alert should be appear? | The system throw error on the screen. |
| 4 | How do we know which license is right for each truck? | We define the type of the license. Each truck type has a list of the licenses that can drive on it. |

**חלק 2 – תרשים מחלקות:**

**Diagram, schematic

Description automatically generated**

**חלק 3 – תרשים אובייקטים:**

תרחיש 1: מנהל הובלות

תרחיש 2: