System Requirements - Transportation

ID	Module	Functional/ Non-Functional	Description	Priority	Risk	Status
1	Transportation	Functional	The system will schedule a shipment of insufficient products	MH	Low	In progress
2	Transportation	Functional	The system will create a shipment document for each shipment and will store it after scheduling said shipment	MH	High	In progress
3	Transportation	Functional	A shipment document must contain: date, departure time, vehicle number, driver's name, origin info, and a list of destinations' names, initial weight.	MH	High	In progress
4	Transportation	Functional	The system should store location info: address, contact name and contact number, for each location (origin/destination).	MH	Low	In progress
5	Transportation	Functional	For each destination in a shipment, the system will create a destination document, that will contain a unique id, destination info and a list of products info for the given destination	MH	Low	In progress
6	Transportation	Functional	Product info must include product id, product name, and amount	NTH	Low	In progress
7	Transportation	Functional	The system will store for each truck its details: unique vehicle number, model, empty weight, and maximal weight.	MH	Low	In progress
8	Transportation	Non-functional	A truck that exceeds its maximal weight will not depart	MH	High	In progress
9	Transportation	Functional	The system will enable weight input after each loading of products and will notify in case of overweight.	MH	High	In progress
10	Transportation	Functional	In the case of overweight, the system will allow removing/changing the current destination	MH	High	In progress
11	Transportation	Functional	In the case of overweight, the system will allow changing to a truck with greater weight.	MH	High	In progress
12	Transportation	Functional	In the case of overweight, the system will allow removing some products from the shipment	MH	High	In progress
13	Transportation	Functional	In the case of overweight, after fixing the	MH	High	In progress

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			exception, The list of destinations names in the current shipment document will be reduced to the completed destinations only			
14	Transportation	Functional	In the case of overweight, after fixing the exception, the system will create a new shipment document with the updated details and a list with the non-completed destinations' names from the original document.	MH	High	In progress
15	Transportation	Functional	The system will store for each driver's its info: name, license type, and ID	MH	Low	In progress
16	Transportation	Functional	The system will not allow an assignment of a driver to a truck with an incompatible license	MH	Low	In progress
17	Transportation	Functional	The system will be able to present the sites in a specific area	MH	Low	In progress
18	Transportation	Non-Functional	destinations in a shipment must be in the same area	NTH	High	In progress
19	Transportation	Functional	The system will mark trucks and drivers that are in a shipment as available until the end of the day	MH	High	In progress

#		Topic	Issue
1		shipping areas	What are the shipping areas and how do the affect the shipments
2		suppliers and branches	Does each shipment contain one branch - origin and several suppliers? Do we unload products at destinations?
3		shipment time	How is the shipment of time defined?
	4	overweight exception	When are we weighing the truck? after the first department or after each supplier (and addition of weight)?