



Use Case: Creating New Delivery

description: the delivery manager wants to create a new delivery, he would click "create new delivery" button and than enter to the system: the date of the new delivery, the time it will leave, he will also choose a driver and truck from the choices presented to him, and finally chose (again from the choices presented to him) a list of stock shortnesses he would like to fix during the delivery.

List of actors: Delivery manager
pre condition: the delivery manager entered to the system.

post condition:

- 1) a new delivery with all the arguments that the user entered is created and saved.
- 2) a site doc was created and saved for each site the new delivery is visiting
- 3) the truck is set unavailable for the day of the delivery
- 4) the driver is set unavailable for the day of the delivery
- 5) all the stock shortnesses chosen are bound to the new delivery and to both the site docs that describes them- one that mention the load of the items and one that mentions the unload of them

main success scenario: there is a truck available on the date, there is a driver available on the date who is fit to drive the truck choosen, and all the stock shortnesses chosen are of the same shipping area. the system after reciving the arguments will create a new delivery and transfer the user to a page with all the new delivery informations.

alternatives:

- 1)there is no truck available on the date choosen- the system would inform the user of the problem and return him the the main view page
- 2) there is a truck available but there is no driver available on the date that has a license fit for the truck chosen - the system would inform the user and return him the the main view page.
- 3) there is a truck and a driver but there are no stock shortnesses to fix at the moment- t he system would inform the user and return him the the main view page.
- 4) the stock shortnesses chosen are of different shipping area- the system would ask the delivery manager if he would like to countinue the creation of the delivery in light of that, if he chooses "yes"- the delivery would be created, on the other hand if he chosses "no" he would be returned to the main view page.