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## Sprint Backlog

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April 6, 2016

Table 0.1: Sprint backlog

ID	Story	Sprint backlog tasks	Date	Performed?
1	As a sender I need to be able to create an account	Create a django project	22/03/2016	Done
		Design database structure		
		Create databases		
		Link page to the django server		
		Save user account details in the database		
		Make a form where clients are able to create their accounts		
2	As a sender I need to be able to log in to my account	Make a log in page		
		Save log in details of senders in database		
3	As a sender I need to input the dimensions of my package	The user has the option of selecting from a dropdown menu 3 package sizes: small, medium and large		
		Send the package dimensions to the packing algorithm		
4	As a sender I want to input my details	Make a form where the sender can enter their details		
		Store the sender's details in the database		
5	As a sender I want to input the receiver's details	Make a form where the sender can enter the receiver's details		
		Store the receiver's details in the database		
6	As a sender I need to be able to pay for the services	Update the accounts and payments databases		
		Authorise the user's packages for transport		
		Create a payment page for the user		
7	As a fleet assignment manager I need to be able to run a route generation algorithm	Have a button that allows the manager to run the route allocation algorithm		
8	As a fleet assignment manager I need to see a list of packages in the depot	Display a list of all the packages that are at the depot that need to be allocated routes		

ID	Story	Sprint Backlog Tasks	Date	Performed?
9	As a driver I should be able to log in to my account	Make a driver list in the database		
		Implement code to facilitate logging in by drivers		
10	As a driver I want to pick a vehicle and a route	Implement route assigning algorithm		
		Implement packing algorithm		
		Implement a google map using the google maps API on the driver interface		
		Implement a checklist of all items on the driver's route on the driver interface		
		Display contact details of client on web page		
		Implement a checklist option to choose between routes on the before page of the driver interface		
11	As a driver I need to see the contact details of my next delivery / pickup	Display the contact details of current pickup/delivery		
12	As a driver I want to check off the packages I drop off / pickup	Implement a checklist for the packages on the driver's interface		
13	As a sender I need to know when the parcel will be picked up	Implement code to calculate the estimated time of pickup		
		Display the value of the calculated time of pickup on the sender interface		
14	As a sender I need to be able to know when the package will be delivered	Calculate the ETA when the payment, and allocation of a package has been made		
		Send the user a notification with the ETA		
		Update the ETA on the user's interface		
15	As a receiver I need to receive a notification of the intended delivery	Implement code to send a notification when the ETD has been calculated		

ID	Story	Sprint backlogs	Date	Performed?
16	As a receiver I need to check the estimated time of delivery	Display the ETD when it has been calculated		
17	As the CEO I want to see statistics on the clients	Calculate all the statistics on clients		
		Display the statistics on the CEO interface		
18	As the CEO I want to see statistics on the drivers	Calculate all the statistics on drivers		
		Display the statistics on the CEO interface		
19	As the Vehicle Maintenance Manager I want to see vehicle statistics such as mileage	Implement an algorithm that computes vehicle statistics		
		Display the results of the algorithm		
20	As the Vehicle Maintenance Manager I want to schedule the maintenance of vehicles	Implement an algorithm that computes the need of a vehicle to undergo maintenance		
		Add an undergo maintenance button		
		Display the results of the algorithm		
		Update the list of available vehicles		
21	As the Accounts Officer I want to see the list of payments made (for bookkeeping purposes)	Fetch the payments information from the database		
		Display the payment information summary		
22	As the Accounts Officer I need to see a list of vehicle maintenance payments (for bookkeeping purposes)	Fetch the payments information from the database		
		Display the payment information summary		
23	As the CEO I want to generate reports on income	Generate a pdf/report of the information the CEO is viewing		
		Have a generate report button on the CEO's interface		

ID	Story	Sprint backlogs	Date	Performed?
24	As the CEO I want to generate reports on expenditure	Generate a pdf/report of the information the CEO is viewing		
		Have a generate report button on the CEO's interface		
25	As a driver I want to be able to request a day off	Have a request day off button on the page before page of the driver interface		
		Implement code to take the driver off the available drivers list		
26	As a driver I should be able to log out of my account	Implement code to facilitate logging out by drivers		
27	As a sender I need to be able to log out of my account	Make a log out button on the web page		
		Revoke the user's access		
28	As the Vehicle Maintenance Manager I want to see vehicle statistics such as fuel consumption			