

Product Backlog				
Priority	Item	Details	Task Link	Initial Points Estimate
	WDU-48 Vehicle Store 1 Implementation	Based on detail design implement the booking store that will be responsible of retrieve, create and update booking data. This store will be placed into the BookingService. This task will be considered as DONE when all the related tests will be passed.	https://trello.com/c/1RSLiVE	10
	WDU-40 Vehicle Start & Stop UI 2 Implementation	This task involves the boundary as the configuration view for the vehicle. Implement all the configuration settings provided in the UI StartVehicle mockups and also the StopVehicles mockups.	https://trello.com/c/ZvBpQ3Z6	8
	WDU-51 Vehicle Simulation 3 Implementation	Based on UI Configuration. Simulate the vehicle movement and position change. Simulate that the battery drains while moving and eventually simulate broken/abuse status (depends on configuration settings). Simulate also the recharging movements.	https://trello.com/c/NwyTLVzH	10
	WDU-52 Vehicle Service Communication & AI 4 Implementation	Implement all the communication needed with the vehicle service by the vehicle. Implement the behaviours of the vehicle for all the communications.	https://trello.com/c/7bkXqwrN	10
	WDU-36 Booking Store 5 Implementation	Based on detail design implement the booking store that will be responsible of retrieve, create and update booking data. This store will be placed into the BookingService. This task will be considered as DONE when all the related tests will be passed. Remember that we chose Jackson as json mapper for model to json and json to model.	https://trello.com/c/O9uhaMUu	n.d.
	WDU-33 Booking Service Detailed 6 Design	As a user i want to be able to book a vehicle. This service will offer REST api to the mobile users and will communicate with the vehicle service to check that the vehicle to be booked is still available. Classes diagrams & Petri nets if needed.	https://trello.com/c/yxH6wE5s	n.d.

		As a user i want to be able to book a vehicle		
	WDU-34 Booking Service	This service will offer REST api to the mobile users and will communicate with the vehicle service to check that the vehicle to be booked is still available.		
7	Implementation	This will include the test.	https://trello.com/c/l8glgBM8	n.d.
	WDU-38 Vehicle Booking	The user receives the trip data and should be able to accept or decline the vehicle trip. different behaviour has to be triggered in both cases: the user accepts: booking service sets sets the booking between user and vehicle the user doesn't accept: no booking is set	https://trello.com/c/oOn1nNXj	n.d.
8	Implementation			
	WDU-54 Show vehicle travel time to destination	The vehicle service, when receives a nearest vehicle request has to send to the user a response that contains also the vehicle data and its driving data.	https://trello.com/c/z1MoPsP5	n.d.
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	WDU-10 Show vehicle travel time to destination	The self-driving car, when receives a driving request, has to send back to the service also its speed, so the service will be able to compute the driving data to be sent to the user.	https://trello.com/c/TgvMZjos	n.d.
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	WDU-37 Vehicle Booking Detailed Design		https://trello.com/c/XdtNtGc4	n.d.
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	WDU-9 Make sure that with only one vehicle a user can arrive to the destination	Give the possibility to the user to book only one vehicle at a time.	https://trello.com/c/ize2Wkww	n.d.
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	WDU-8 Vehicles substitution if the one of the user is broken	As a user, if the vehicle i'm in is broken, i want to arrive to my destination with another substitution vehicle.	https://trello.com/c/sflWjB7O	
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	WDU-11 Vehicle anti-theft management	The vehicle has to be able to notify a thief attempt to the system.	https://trello.com/c/Jbv9CV66	
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15	WDU-7 Show vehicles data (analytics) from back-office	As a back-office user i want to see vehicles and position data analytics.	https://trello.com/c/hWCSjh3J	
16	WDU-50 User Store Implementation	Implements a store that will be responsible of getting users data. Remember that we chose Jackson as json mapper and remember that this store will be placed inside the authentication service.	https://trello.com/c/kjY0F5ci	
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