Product Backlog

Priority	Item	Details	Task Link	Initial Points Estimate
1	WDU-93 Analytics Service Startup Vehicle Data Manipulation	At startup the analytics service will ask to the vehicle service all the vehicles. From that vehicles will extract from all the vehicles the needed data (licencePlate and status) to be used later to get the counters to be sent to the specific backoffice. This task will be considered as DONE when the related tests will be passed and a build of the system will be completed without errors.	https://trello.com/c/plUZqX3g	5
2	WDU-97 Analytics Service Register to Vehicle Updates	When a vehicle updates its status, the analytics service will be notified, will update its local database. This task will be considered as DONE when the related tests will be passed and a build of the system will be completed without errors.	https://trello.com/c/9wyOfvky	5
3	WDU-95 Analytics Service Notify BackOffice with updates	When a vehicle updates its status, the analytics service will be notified, will update its local database and will dispatch this update to all the back office. This task will be considered as DONE when the related tests will be passed and a build of the system will be completed without errors.	https://trello.com/c/8Qs2TwZo	5

4	WDU-100 Startup vehicle request from back-office	**If this is the first task of the back-office provide an initial structure design. Decide which pattern is most suitable: MVVM, MVC or ECB? Please then modify the relative architectural diagrams.** **REMEMBER scala doc are different from javadocs!!!** As a back-office user i want to see vehicles real time counters. The back-office at startup will request the analytics vehicles data to the analytics service. This will be done through RabbitMQ communication. See the queue/exchanges document for dedicated rabbitmq back-office infos. This task will be considered as DONE when the related tests will be passed and a build of the system will be completed without errors.	https://trello.com/c/KOfyXCzJ	5
5	WDU-101 Subscribe to analytics changes from back-office	As a back-office user i want to see vehicles real time counters. The back-office after the startup request will subscribe to the analytics vehicles data updates. This will be done through RabbitMQ communication. See the queue/exchanges document for dedicated rabbitmq back-office infos. This task will be considered as DONE when the related tests will be passed and a build of the system will be completed without errors.	https://trello.com/c/hTnwZ4B2	4

6	WDU-7 Show vehicles data (analytics) from back-office	As a back-office user i want to see vehicles real time counters. Implement the Backoffice UI. The back-office after the startup request will subscribe to the analytics vehicles data updates. This updates must be seen in the Back Office UI. This task will be considered as DONE when the related tests will be passed and a build of the system will be completed without errors.	https://trello.com/c/hWCSjh3J		5
7	WDU-69 Link libraries docs to our sources docs		https://trello.com/c/n9T0NRmG		5
8	WDU-91 Analytics Service Request Bookings	When a back office request a booking report the analytics service will ask to the booking service all the needed data to be manipulated to build a booking report. This task will be considered as DONE when the related tests will be passed and a build of the system will be completed without errors.	https://trello.com/c/ufBIlV7e		5
9	WDU-90 Analytics Service Booking Report	Manipulate bookings data to build a booking report and send back that report to the specific back-office. This task will be considered as DONE when the related tests will be passed and a build of the system will be completed without errors.	https://trello.com/c/loP5v9m2		7
10	WDU-98 Analytics Service BackOffice Startup Request	When a BackOffice starts it will ask to the analytics service the initial data as counters. The analytics service must register to this event (through rabbitmq) and send to the backoffice the needed counters. This task will be considered as DONE when the related tests will be passed and a build of the system will be completed without errors.	https://trello.com/c/NqwtlwQA		5
11	WDU-86 Back-Office Bookings		https://trello.com/c/0KspZWgq		
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