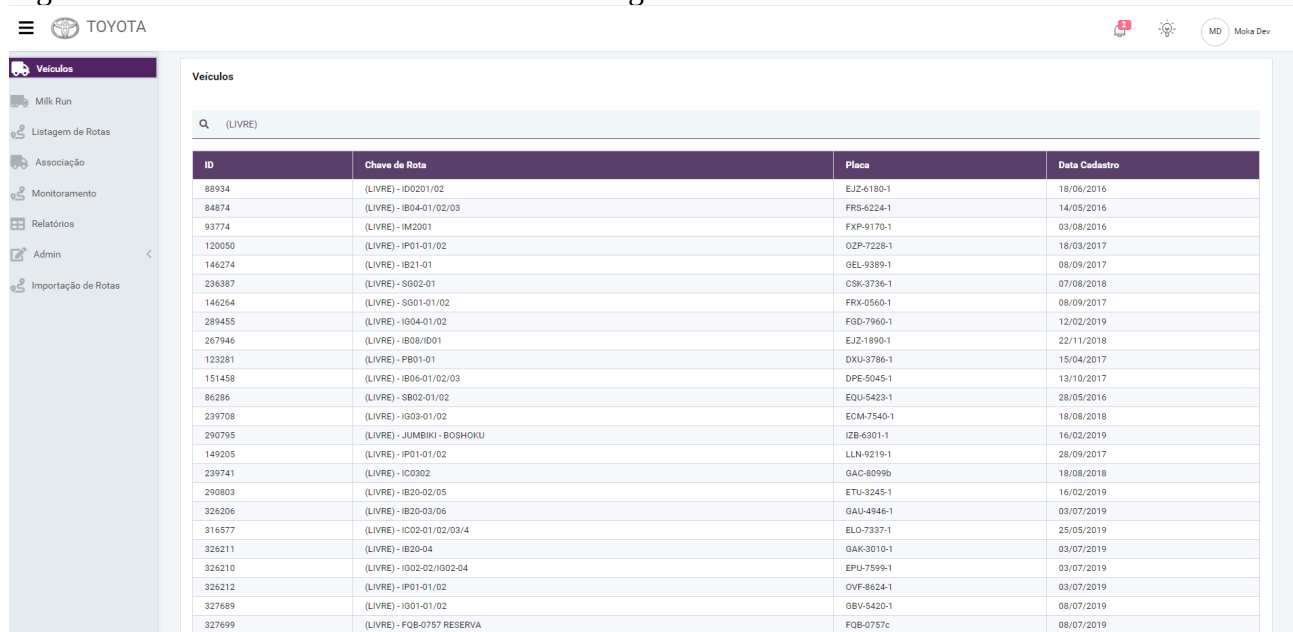


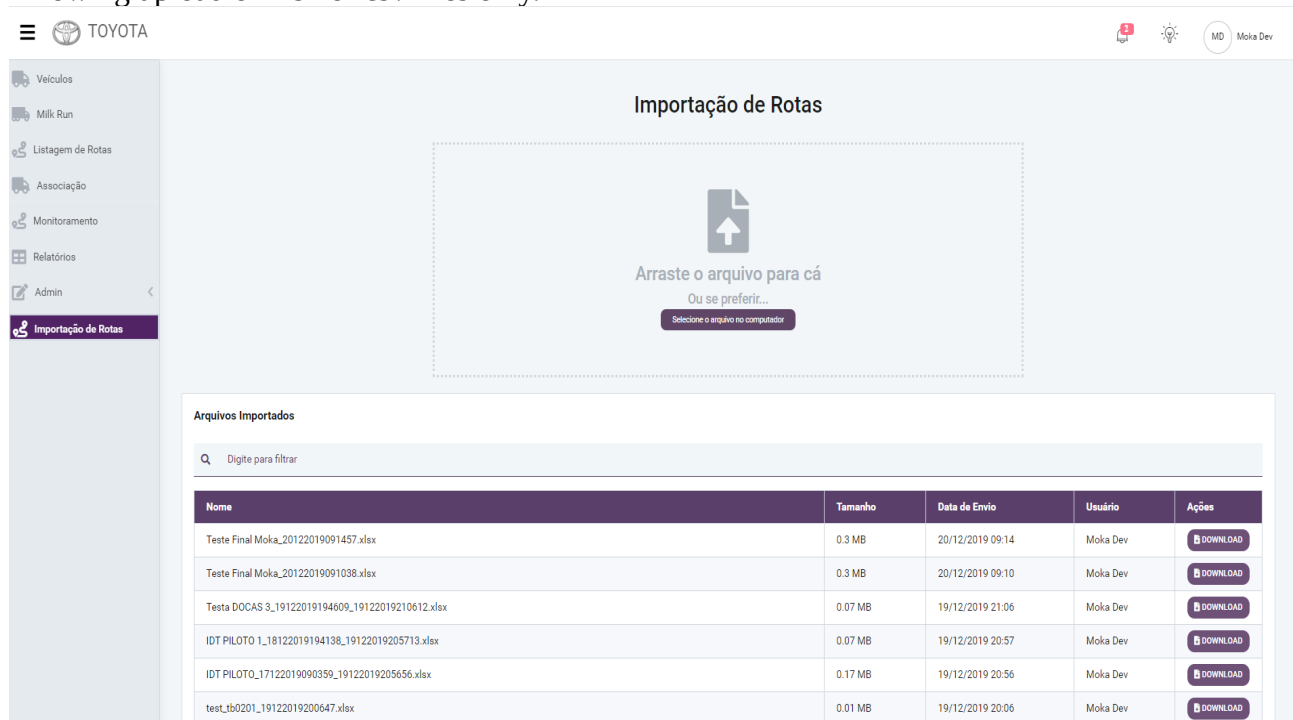
Project titled “Autologis” for monitoring vehicle in real time. Below are some screenshots of the system screens. The technologies involved includes HTML5, CSS3, Javascript, Angular 6+ by the frontend and the backend structure NodeJS, Express and MongoDB.

Figure 1 – This screen reveals in the all list of registered vehicles.



ID	Chave de Rota	Placa	Data Cadastro
89934	(LIVRE) - ID0201/02	EJZ-6180-1	18/06/2016
84874	(LIVRE) - IB04-01/02/03	FRS-6224-1	14/05/2016
93774	(LIVRE) - IM2001	FXP-9170-1	03/08/2016
120050	(LIVRE) - IP01-01/02	OZP-7228-1	18/03/2017
146274	(LIVRE) - IB21-01	BEL-9389-1	08/09/2017
236387	(LIVRE) - SB02-01	CSK-3736-1	07/08/2018
146264	(LIVRE) - SG01-01/02	FRX-0560-1	08/09/2017
289455	(LIVRE) - IG04-01/02	FSD-7960-1	12/02/2019
267946	(LIVRE) - IB08/ID01	EJZ-1890-1	22/11/2018
123281	(LIVRE) - PB01-01	DXU-3786-1	15/04/2017
151458	(LIVRE) - IB06-01/02/03	DPE-5045-1	13/10/2017
86286	(LIVRE) - SB02-01/02	EQU-5423-1	28/05/2016
239708	(LIVRE) - IG03-01/02	ECM-7540-1	18/08/2018
290795	(LIVRE) - JUMBIKI - BOSHOKU	IZB-6301-1	16/02/2019
149205	(LIVRE) - IP01-01/02	LLN-9219-1	28/09/2017
239741	(LIVRE) - IC0302	GAC-8099b	18/08/2018
290803	(LIVRE) - IB20-02/05	ETU-3245-1	16/02/2019
326206	(LIVRE) - IB20-03/06	GAU-4946-1	03/07/2019
316577	(LIVRE) - IC02-01/02/03/4	ELO-7337-1	25/05/2019
326211	(LIVRE) - IB20-04	GAK-3010-1	03/07/2019
326210	(LIVRE) - IG02-02/IG02-04	EPU-7599-1	03/07/2019
326212	(LIVRE) - IP01-01/02	OVF-8624-1	03/07/2019
327689	(LIVRE) - IG01-01/02	GBV-5420-1	08/07/2019
327699	(LIVRE) - FQB-0757 RESERVA	FQB-0757c	08/07/2019

Figure 2 – Route import screen. The screen below is responsible for importing available routes. Allowing upload of xlsx or csv files only.



Nome	Tamanho	Data de Envio	Usuário	Ações
Teste Final Moka_20122019091457.xlsx	0.3 MB	20/12/2019 09:14	Moka Dev	DOWNLOAD
Teste Final Moka_20122019091038.xlsx	0.3 MB	20/12/2019 09:10	Moka Dev	DOWNLOAD
Testa DOCAS 3_19122019194609_19122019210612.xlsx	0.07 MB	19/12/2019 21:06	Moka Dev	DOWNLOAD
IDT PILOTO 1_18122019194138_19122019205713.xlsx	0.07 MB	19/12/2019 20:57	Moka Dev	DOWNLOAD
IDT PILOTO_17122019090359_19122019205656.xlsx	0.17 MB	19/12/2019 20:56	Moka Dev	DOWNLOAD
test_tb0201_19122019200647.xlsx	0.01 MB	19/12/2019 20:06	Moka Dev	DOWNLOAD

Figure 3 – Screen responsible for assign routes with vehicles this way allowing for monitoring in the next screen.

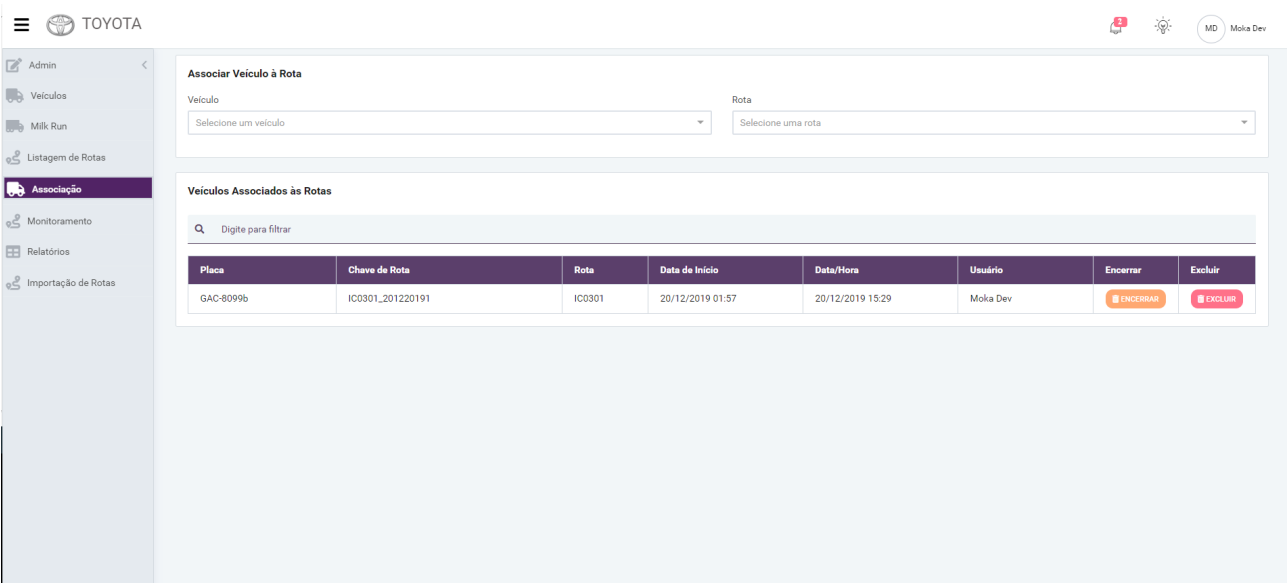


Figure 4 – Screen responsible for show all vehicles displaying the routes and logistics points of all vehicles.

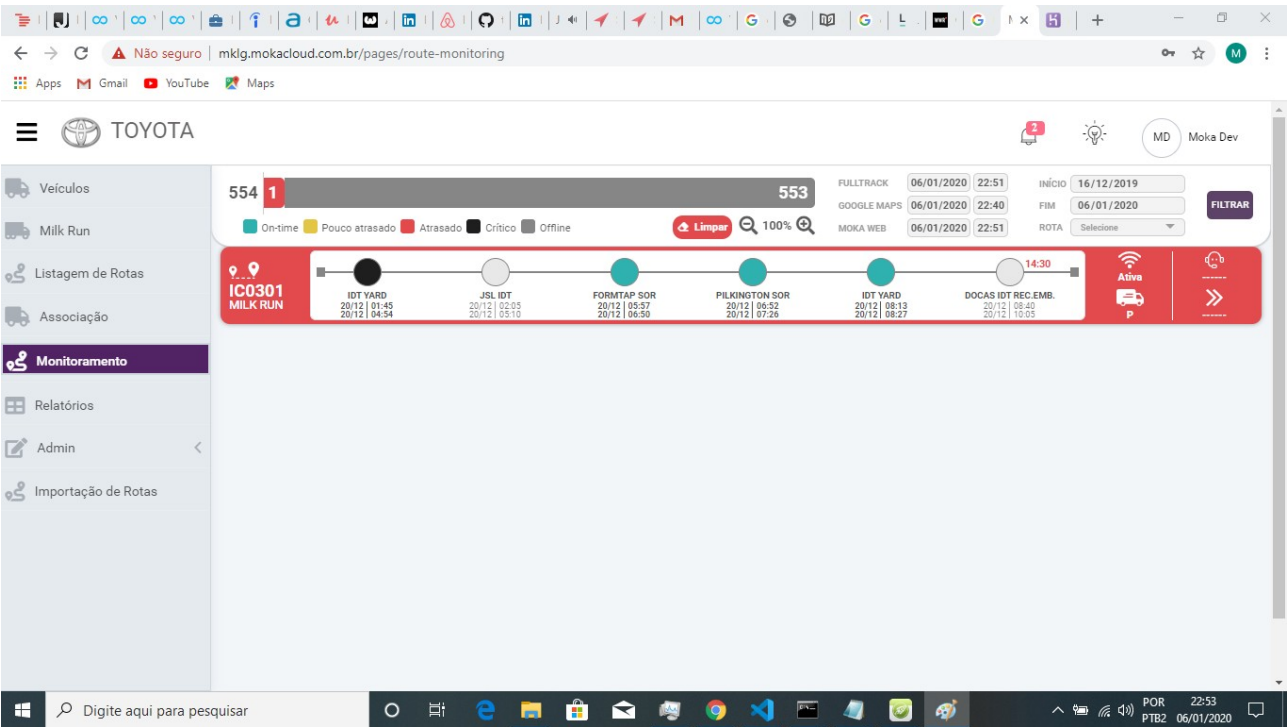


Figure 5 – The image below shows the vehicle in real time and clicking on the card displays a detailed form with the vehicle data in which case it is red because the vehicle is late to the point of arrival.

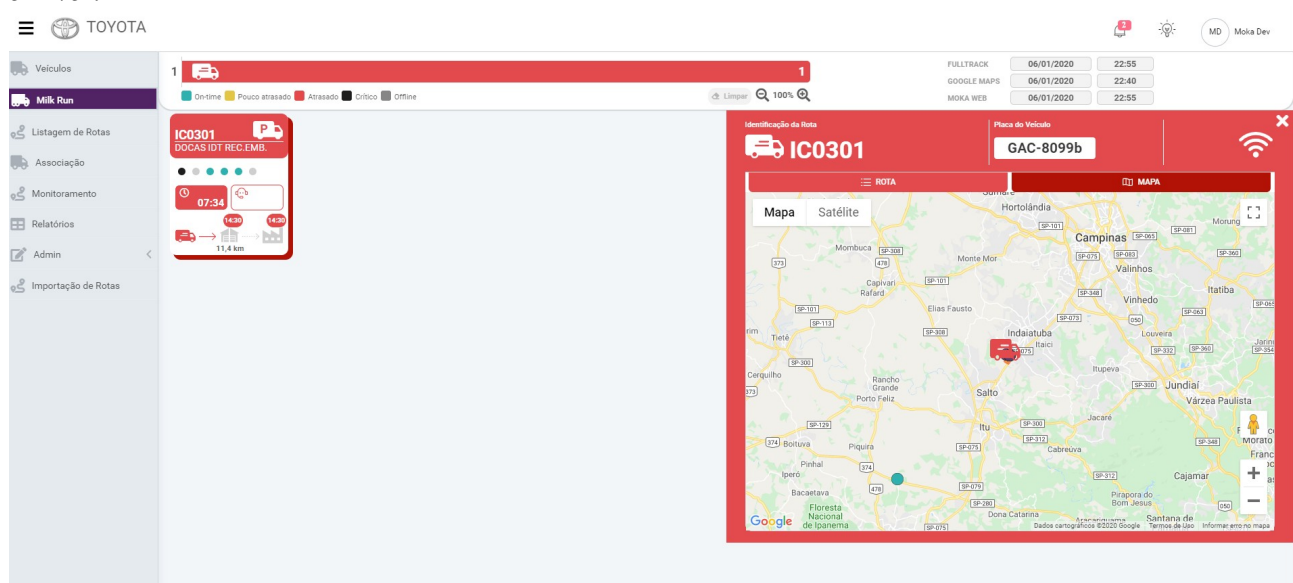


Figure 6 – The screen below shows in details in table form all data which are: route, board, route key, logistic point code, logistic point, operation, arrival date and time, departure date and time, prediction, logistic point residence time, status and etc. In this screen you can still download the spreadsheet. Both the display and download of the data depends on the filter which is the start date, end date and route.

