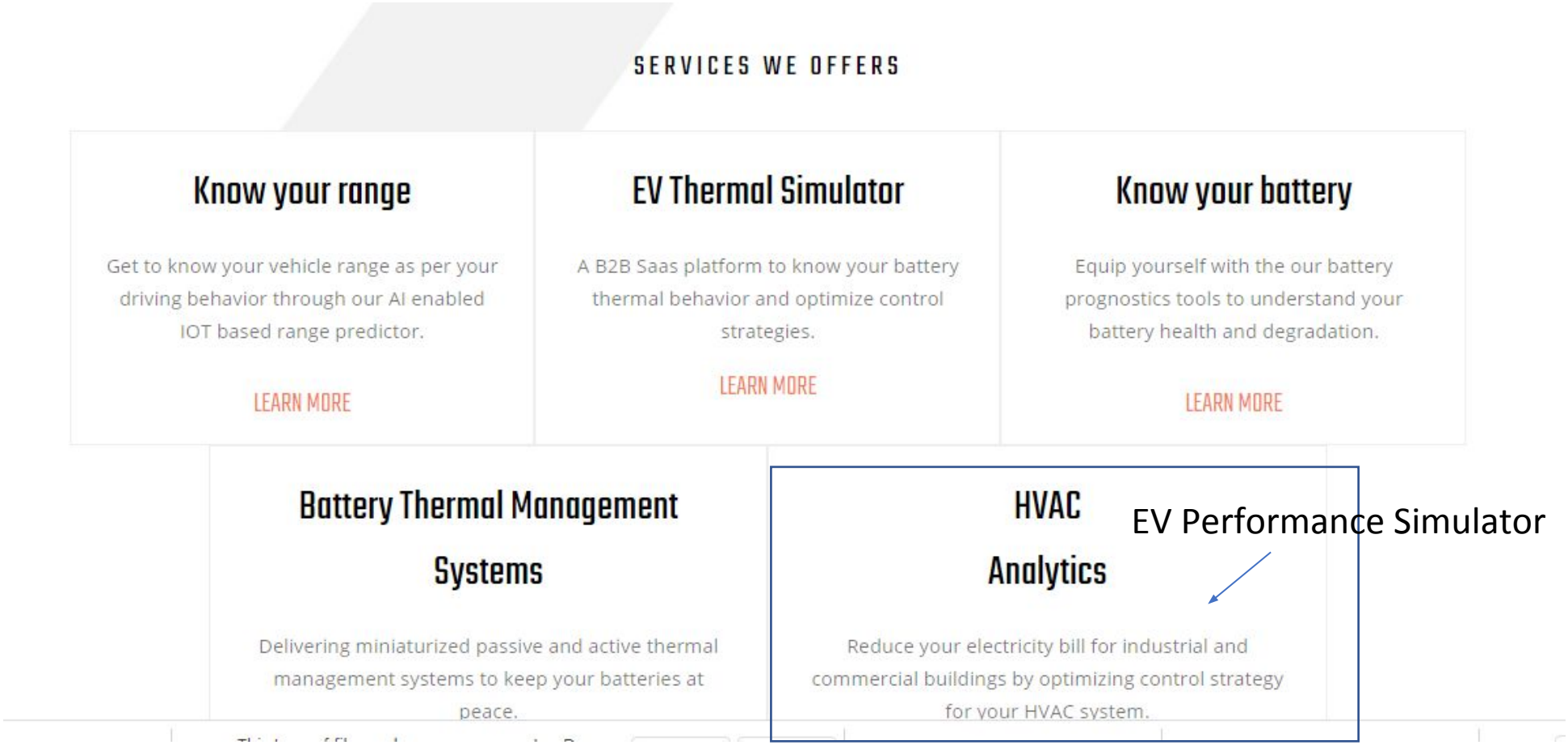
Greenspin Video Feedback

How the site looks like

Once we click know your range then there shall be login credentials asked and once those have been approved then client shall witness the front end GUI



Two Wheeler-E rickshaw-Three Wheeler(L5M-Passenger)-Three Wheeler(L5N-Cargo, Passenger Cars, Pickup Trucks, Buses)

Inputs

Drop Down

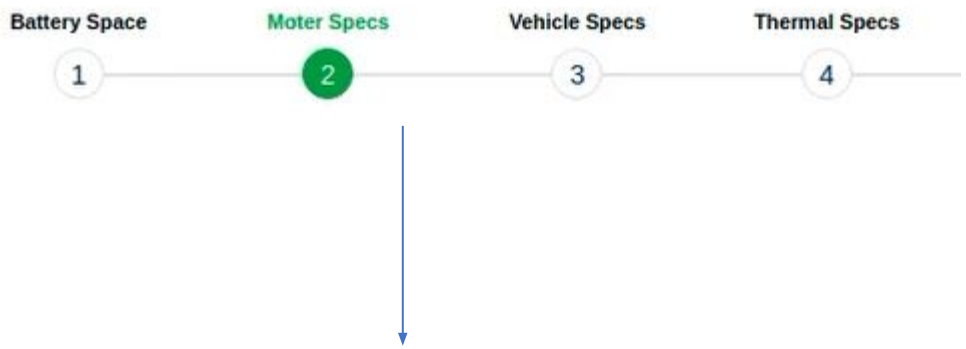
Step1:

Enter Company Name: Grevolve
Enter Vehicle Category: Three Wheeler Cargo

Step 2:

```
259 -   if i_col_Vehicle_Param >=7
260
261 -       disp('Enter AC level');
262 -       disp('Enter 0:For no air conditioning')
263 -       disp ('Enter 1: For very slow cooling');
264 -       disp ('Enter 2: For slow cooling');
265 -       disp ('Enter 3: For moderate cooling');
266 -       disp ('Enter 4: For fast cooling');
267 -       disp ('Enter 5: For very fast cooling');
268 -       ac_level=input('<strong>Enter desired AC level:</strong>');
269 -       fprintf(1,'\n')
270
```

The thermal inputs are only for car category for three wheelrs it wont be there



Lookup tables
4

The input methodology is fine for now, later once the platform is functional we shall make the interactive GUI

Note: Remove the orange colored inputs highlighted in the excel as they shall be asked at the end

Inputs: Lookup tables

The excel sheet has been attached to directly paste these values

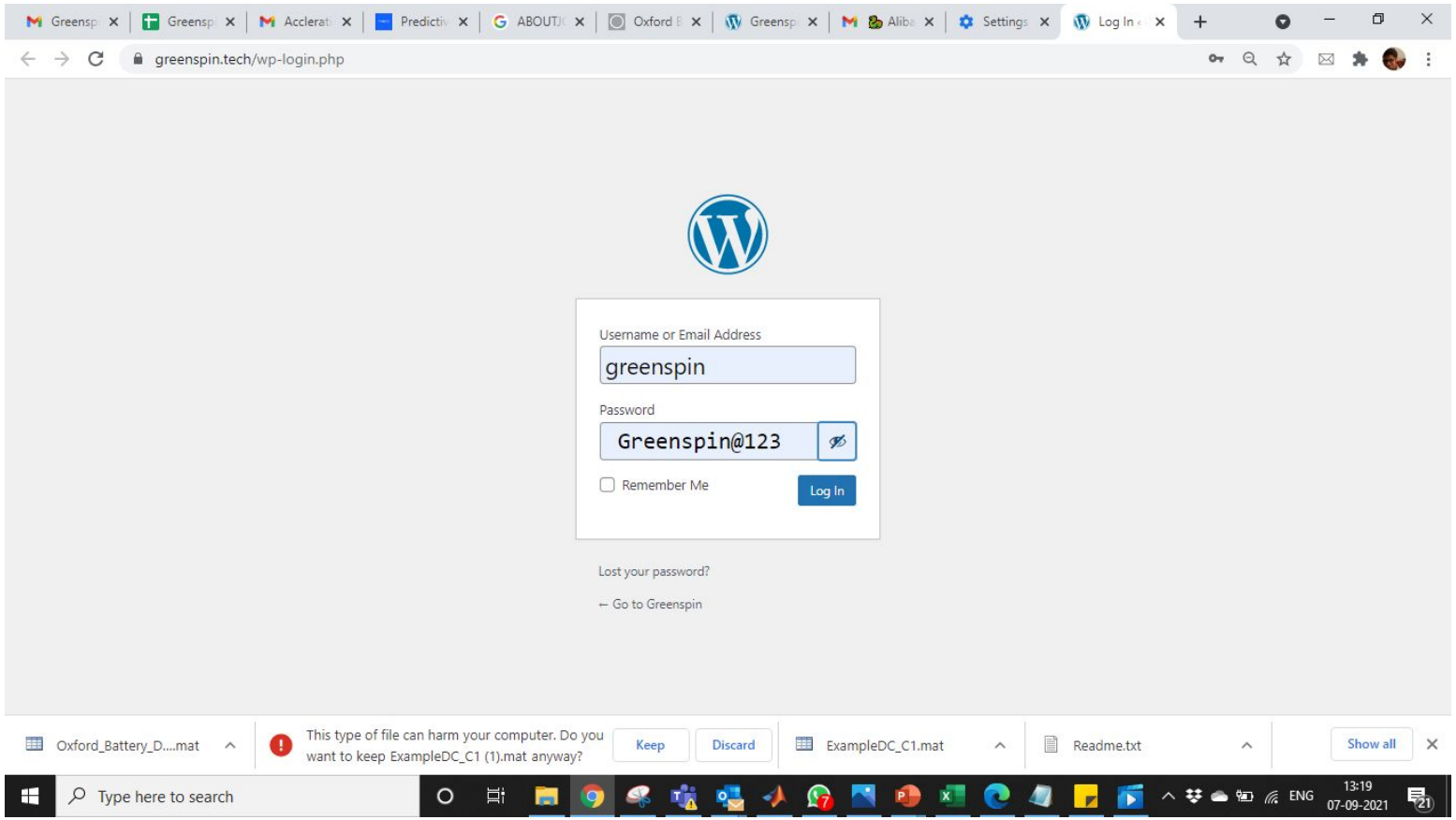
Range Estimator				
1D/2D LOOKUP-TABLES				
LFP CHEMISTRY				
	OCV vs SOC		DCIR vs SOC	
	Room Temperature: 35 deg C	Room Temperature: 45 deg C	Room Temperature: 35 deg C	Room Temperature: 45 deg C
Dis.SOC	OCV (Volts)	OCV (Volts)	DCIR (mV)	DCIR (mV)
100%	3.3479	3.3579	0.3500	0.5150
95%	3.3311	3.3311	0.5500	0.5490
90%	3.3293	3.3293	0.3330	0.5400
80%	3.3289	3.3289	0.2900	0.5100
70%	3.3230	3.3230	0.3130	0.5100
60%	3.3172	3.3072	0.1350	0.3000
50%	3.2924	3.2924	0.1321	0.3120
40%	3.2896	3.2896	0.2510	0.5400
30%	3.2868	3.2868	0.5160	0.5460
20%	3.2641	3.2641	0.5150	0.5160
10%	3.2285	3.2288	0.5166	0.5500
5%	3.1953	3.1940	0.5160	0.5165
0%	2.9805	2.7805	0.5165	0.5165

The lookup table heading which was missing in the earlier subheadings is attached. There are too many values here
So its better of you can have a excel sheet kind of structure in the lookup table so that we can enter all these values.
This values are for Grevolve, for different client this values shall be different which we shall enter in the lookup table heading

So at the backend input stage all the values mentioned have been entered.
And now the front end inputs shall be asked

https://greenspin.tech/

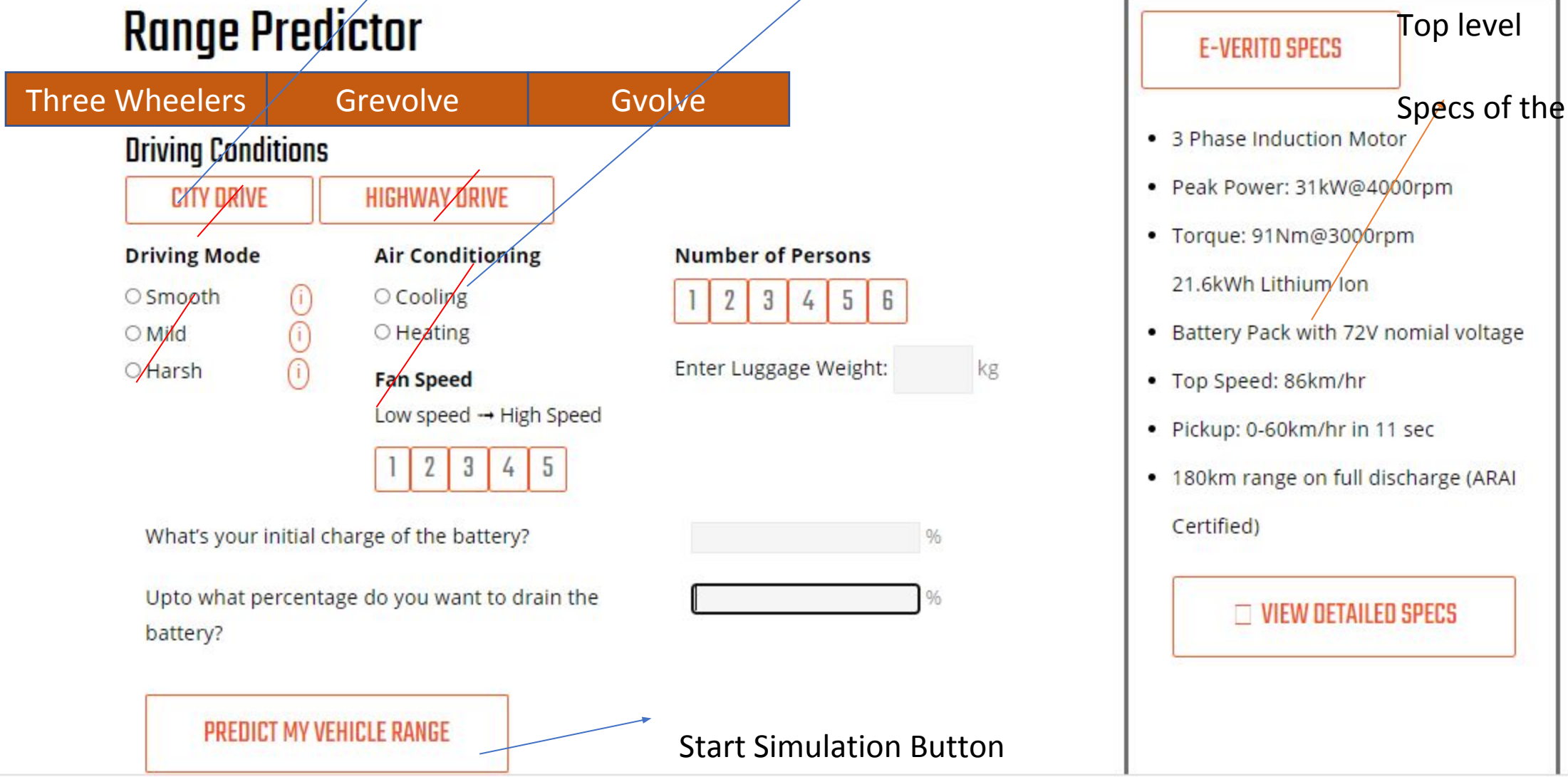
- Greenspin@123 --Password
- https://greenspin.tech/wp-login.php



Range Predictor heading shall be replaced by Electric Vehicle Simulator

Select Drive Cycle

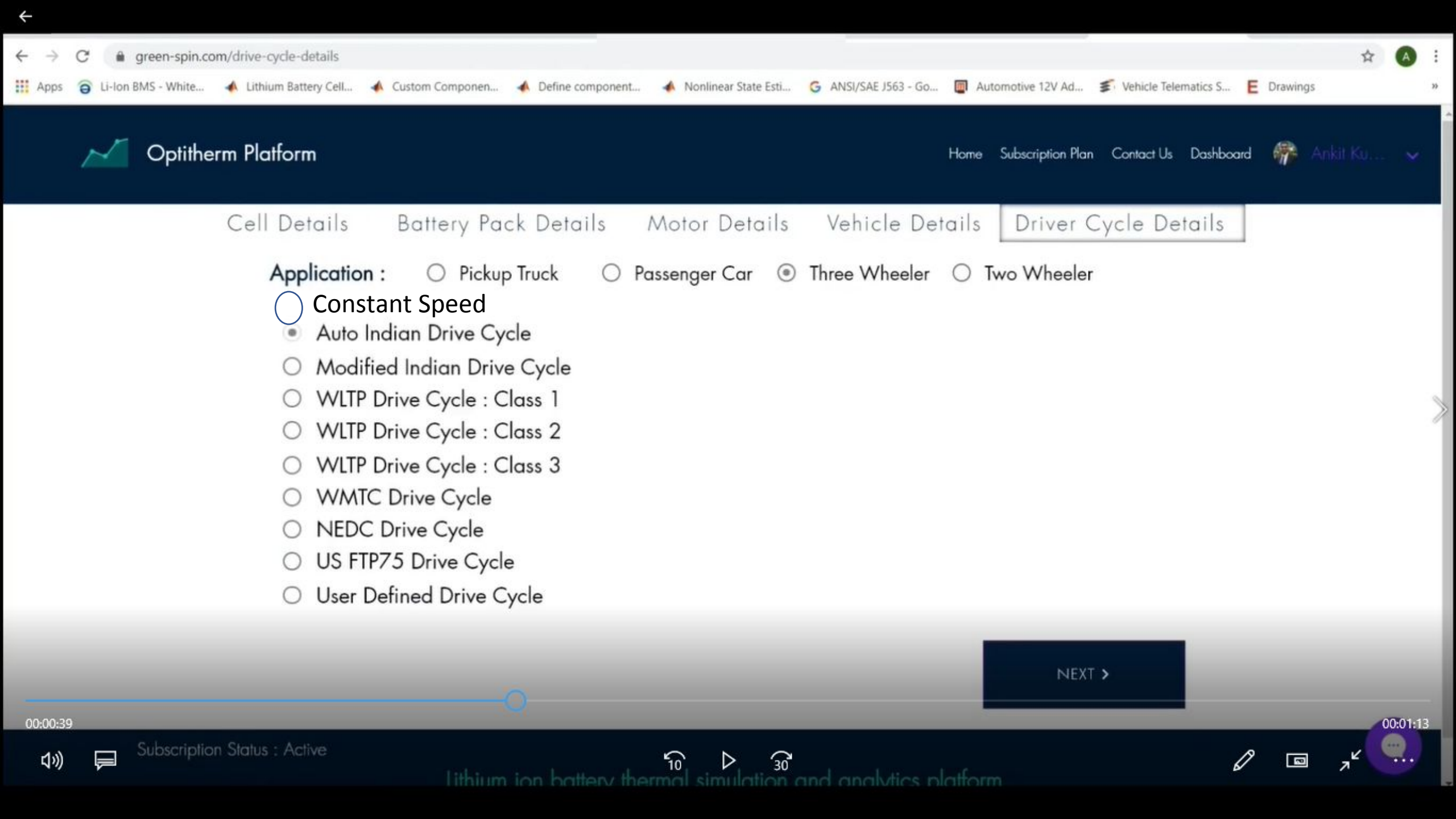
This section shall be there only for cars an buses



Top level

Specs of the vehicle

Start Simulation Button


green-spin.com/drive-cycle-details
Apps
Li-Ion BMS - White...
Lithium Battery Cell...
Custom Componen...
Define component...
Nonlinear State Esti...
ANSI/SAE J563 - Go...
Automotive 12V Ad...
Vehicle Telematics S...
Drawings
Optitherm Platform
Home
Subscription Plan
Contact Us
Dashboard
Ankit Ku...
Cell Details
Battery Pack Details
Motor Details
Vehicle Details
Driver Cycle Details
Application :
Pickup Truck
Passenger Car
Three Wheeler
Two Wheeler
Constant Speed
Auto Indian Drive Cycle
Modified Indian Drive Cycle
WLTP Drive Cycle : Class 1
WLTP Drive Cycle : Class 2
WLTP Drive Cycle : Class 3
WMTC Drive Cycle
NEDC Drive Cycle
US FTP75 Drive Cycle
User Defined Drive Cycle
NEXT >
00:00:39
00:01:13
Subscription Status : Active
10
30
Lithium ion battery thermal simulation and analytics platform

Once the client clicks start my simulation then the code is simulated and the output shall be displayed

Details of output GUI shall be provided

```
259 -     if i_col_Vehicle_Param >=7
260
261 -         disp('Enter AC level');
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The End