

## Acceptance Testing

### UAT Execution & Report Submission

Date	13 February 2026
Team ID	LTVIP2026TMIDS47257
Project Name	Electric Motor Temperature Prediction using Machine Learning
Maximum Marks	4 Marks

#### Run the application

Open the anaconda prompt go to the project folder and in that go to the flask folder and run the python file by using the command “python [app.py](#)”

Copy the HTTP link and paste it into a browser tab.

The following page will be opened

Electric Motor Temperature

Electric Motor Temperature Prediction

Fill in and below details to know predicted Permanent Magnet surface temperature representing the rotor temperature.

Ambient temperature

Coolant temperature

Voltage d-component

Voltage q-component

Motor speed

Current d-component

Current q-component

Submit

Activate Window  
Go to Settings to activate this window.

Enter the values and click on predict button, it will predict the temperature of an electric motor

Electric Motor Temperature

Electric Motor Temperature Prediction

Fill in and below details to know predicted Permanent Magnet surface temperature representing the rotor !

(Permanent Magnet surface temperature: ', -0.9143869588803724)

Ambient temperature

Coolant temperature

Voltage d-component

Voltage q-component

Motor speed

Current d-component

Current q-component

Submit