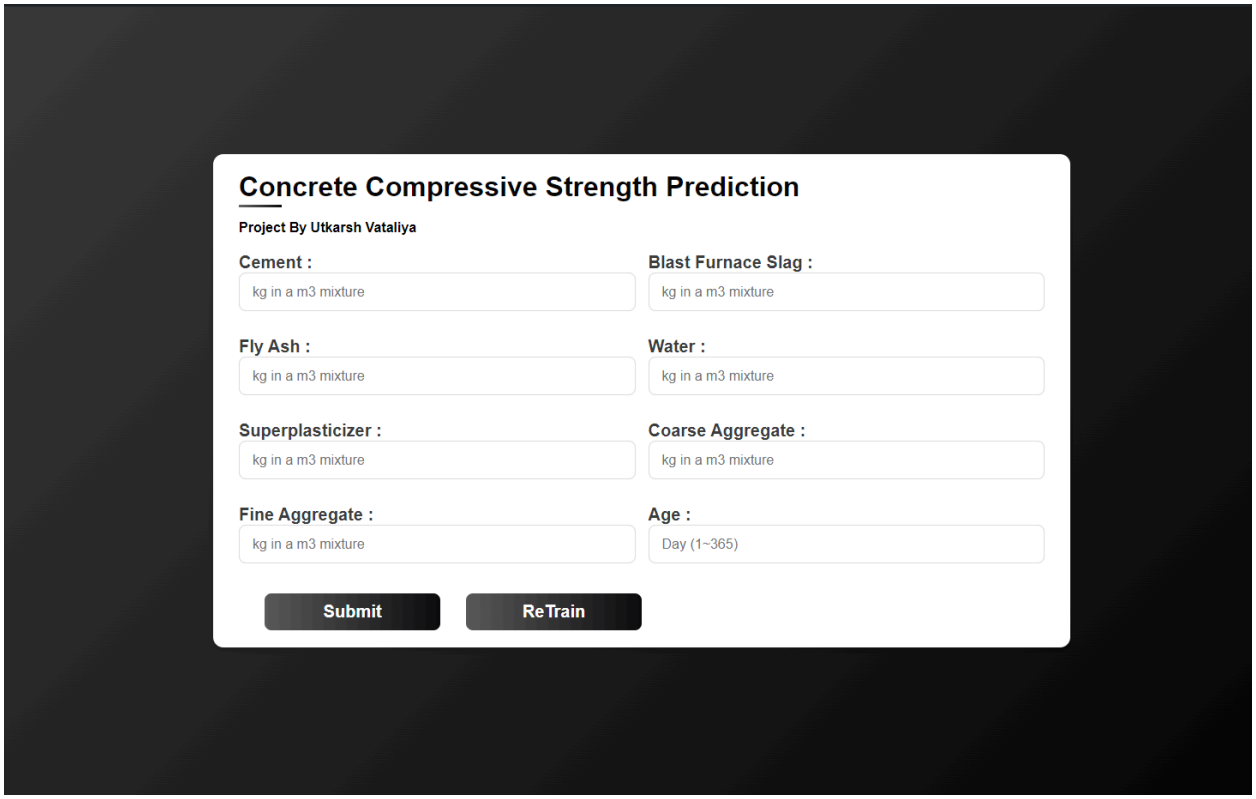
Concrete Compressive Strength Prediction Wireframe Documentation

by Utkarsh Vataliya

User Interface of the Project

The User Interface or the Frontend of the project is created with the help of HTML and CSS. The Flask Framework is used to integrate frontend with the backend. The Project is deployed on the Heroku server(Paas) .

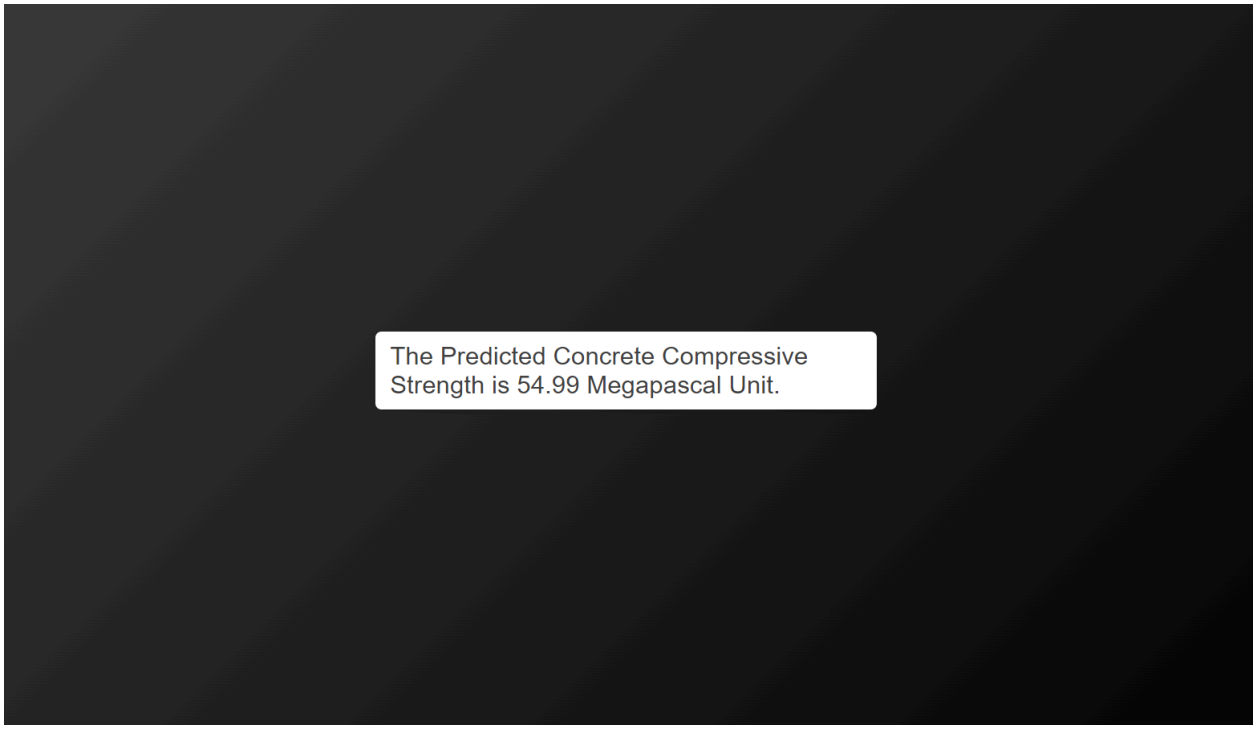
Home page



This is the Homepage of the Project. To predict the Compressive Strength, you must enter all the field values.
[*Here all the field are required]

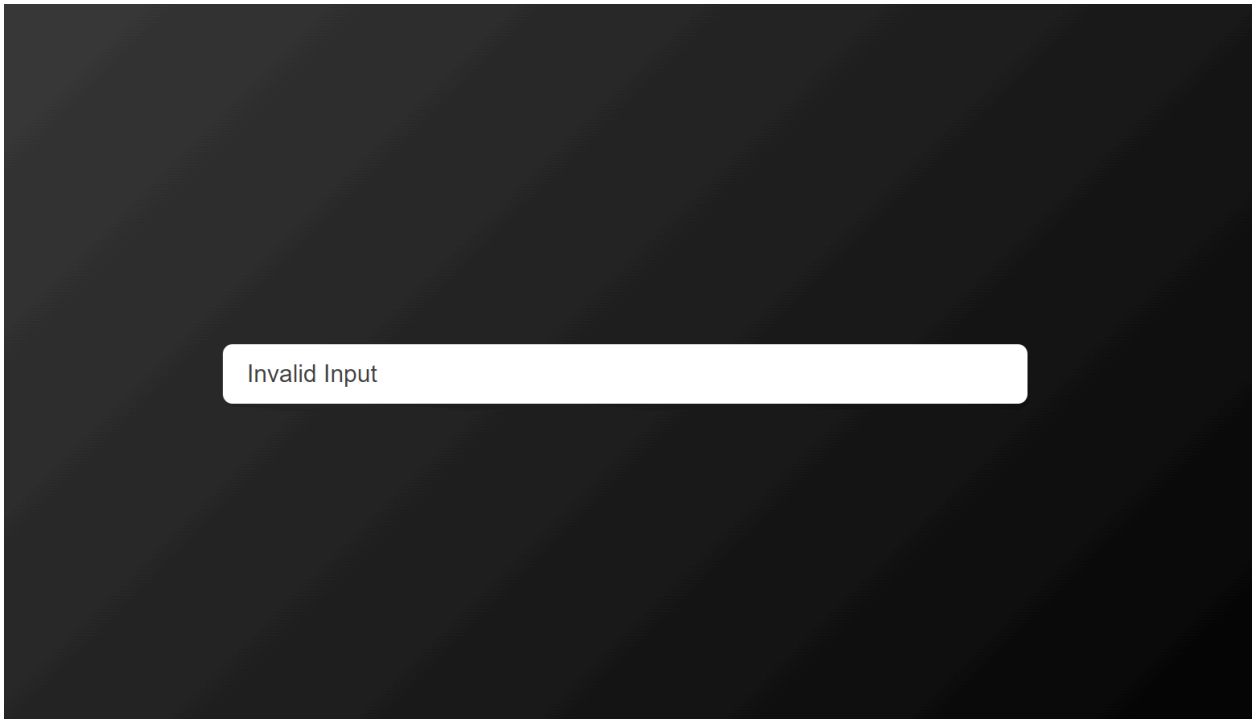
Below the form, contact information is given.

Prediction Page



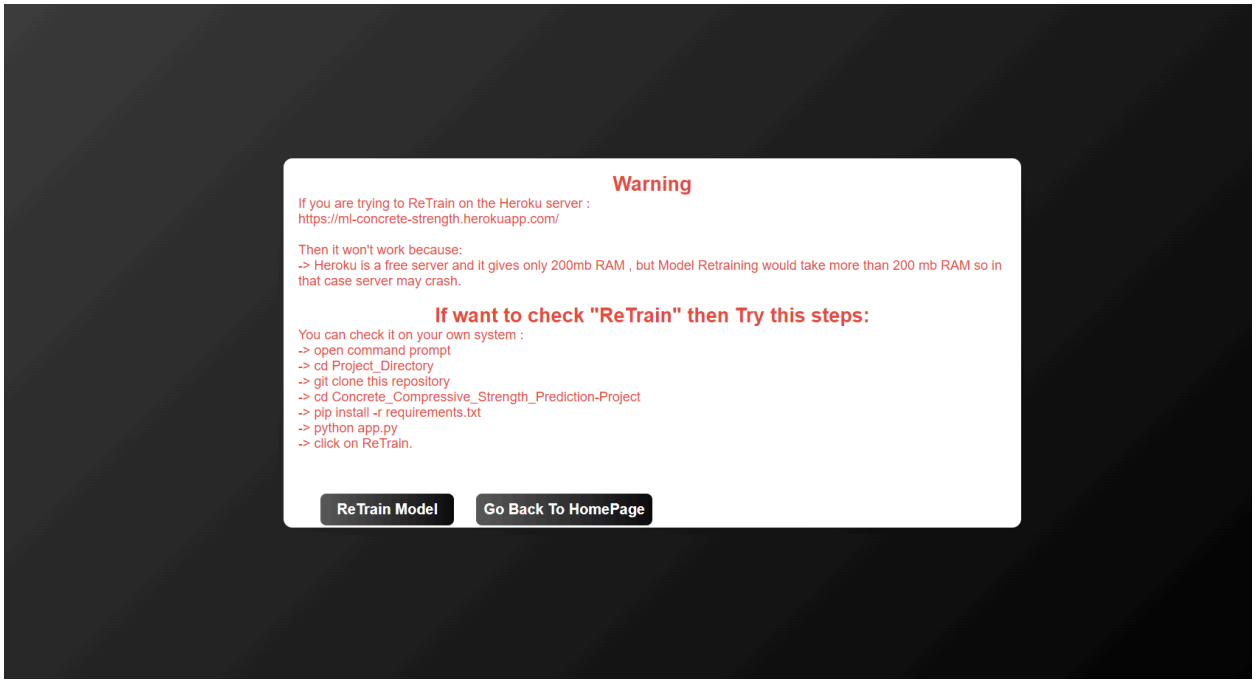
This is the prediction page of the project.
Here Jinja2 template is used, So that At the time of actual prediction instead of “{{result}} “ the actual predicted value will be there.

Error Page



This is the error page in case any kind of error occurred. This shown page is in case of any invalid input entered by the user.

Message Page



This is basically a message page. This is only used in case of the server failed to Retain the model This kind of situation only occurs when there is some server problem, Because

(1) Heroku server provides less amount of RAM

(2) If the model is not retained within the 30 seconds then Heroku Server throws “Request Timeout Error”