

Application Building Using Flask with Scoring Endpoint

Team ID	PNT2022TMID22079
Project Name	Project - Early Detection of Chronic Kidney Disease using Machine Learning

Run our Application →

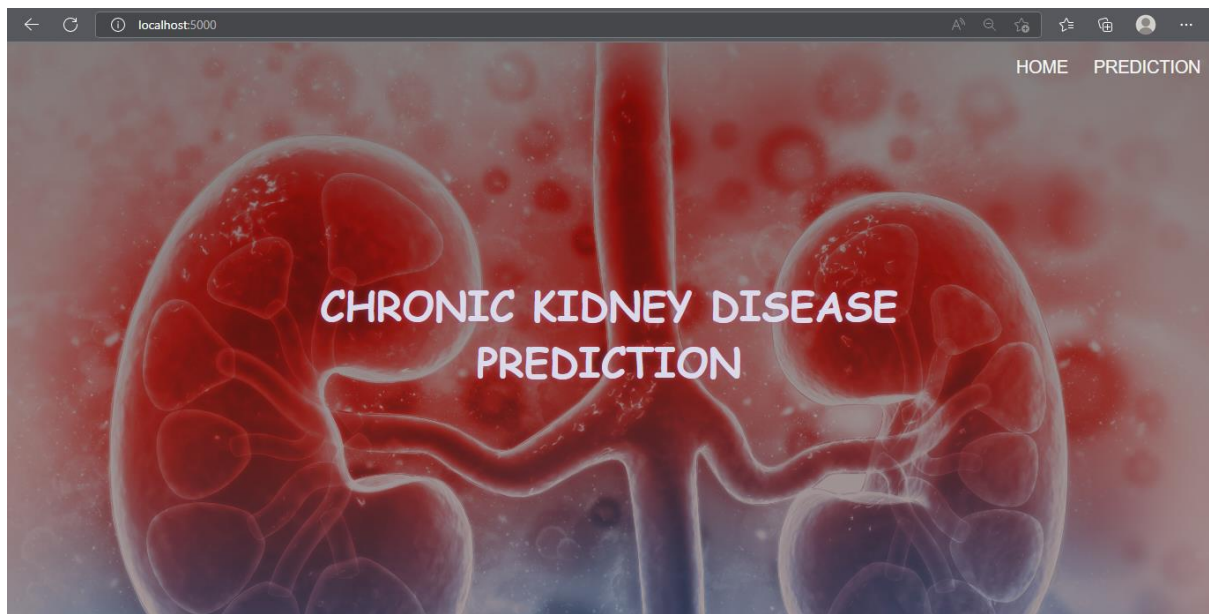
```
Anaconda Prompt (anaconda3) - python app(scoring_Endpoints).py

(base) C:\Users\home>d:

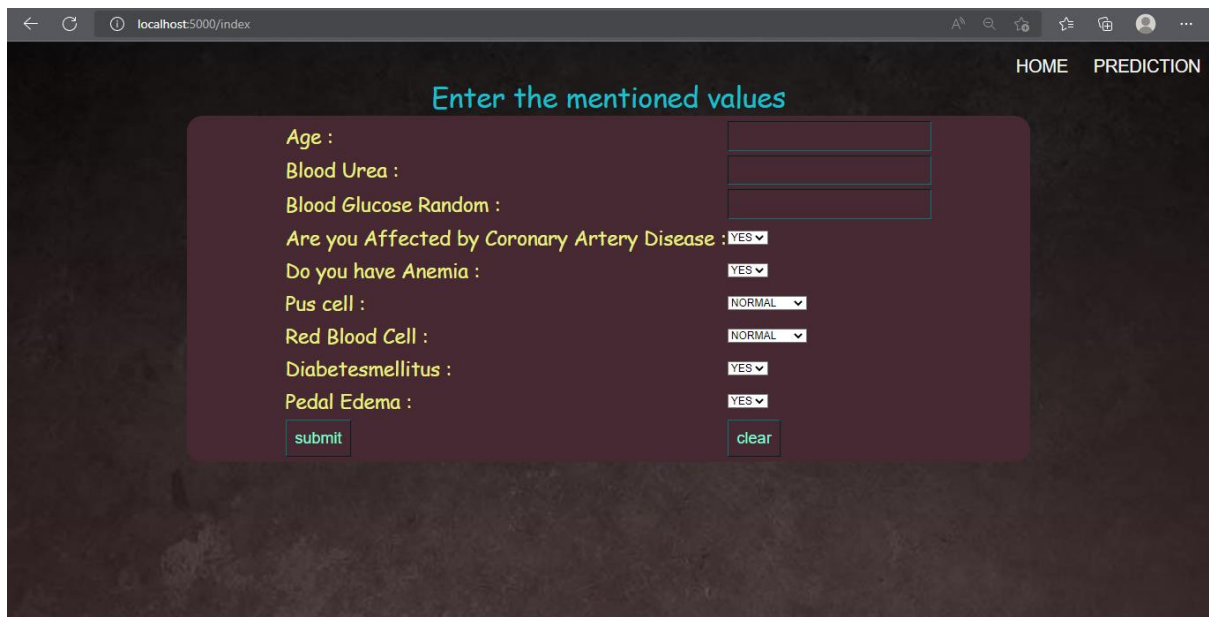
(base) D:\>cd chronic

(base) D:\chronic>python app(scoring_Endpoints).py
* Serving Flask app "app(scoring_Endpoints)" (lazy loading)
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
* Debug mode: on
* Restarting with watchdog (windowsapi)
* Debugger is active!
* Debugger PIN: 112-447-217
* Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
```

Home page →



Index page →



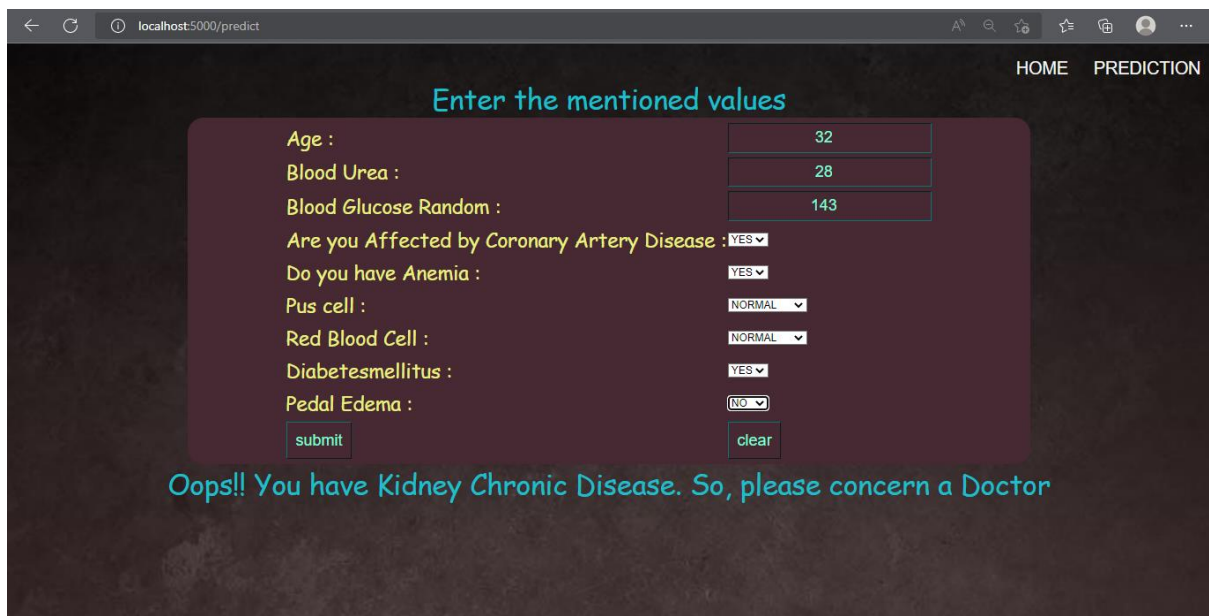
The screenshot shows a web browser at localhost:5000/index. The page has a dark background with a teal title "Enter the mentioned values". There are two navigation links: "HOME" and "PREDICTION". The form contains the following fields:

- Age :
- Blood Urea :
- Blood Glucose Random :
- Are you Affected by Coronary Artery Disease : YES
- Do you have Anemia : YES
- Pus cell : NORMAL
- Red Blood Cell : NORMAL
- Diabetesmellitus : YES
- Pedal Edema : YES

At the bottom of the form are two buttons: "submit" and "clear".

Result:

Affected by Chronic Kidney Disease →



The screenshot shows a web browser at localhost:5000/predict. The page has a dark background with a teal title "Enter the mentioned values". There are two navigation links: "HOME" and "PREDICTION". The form contains the following fields:

- Age : 32
- Blood Urea : 28
- Blood Glucose Random : 143
- Are you Affected by Coronary Artery Disease : YES
- Do you have Anemia : YES
- Pus cell : NORMAL
- Red Blood Cell : NORMAL
- Diabetesmellitus : YES
- Pedal Edema : NO

At the bottom of the form are two buttons: "submit" and "clear".

Below the form, a teal message reads: "Oops!! You have Kidney Chronic Disease. So, please concern a Doctor".

Not Affected by Chronic Kidney Disease →

Enter the mentioned values

Age : 21

Blood Urea : 25

Blood Glucose Random : 140

Are you Affected by Coronary Artery Disease : NO

Do you have Anemia : NO

Pus cell : NORMAL

Red Blood Cell : NORMAL

Diabetes mellitus : NO

Pedal Edema : NO

submit clear

you are not affected by Chronic kidney Disease

Scoring Response →

```
Scoring response
{'predictions': [{'fields': ['prediction', 'probability'], 'values': [[0, [0.95, 0.05]]}]]}
127.0.0.1 - - [16/Nov/2022 13:13:52] "POST /predict HTTP/1.1" 200 -
Scoring response
{'predictions': [{'fields': ['prediction', 'probability'], 'values': [[1, [0.18, 0.82]]}]]}
127.0.0.1 - - [16/Nov/2022 13:21:17] "POST /predict HTTP/1.1" 200 -
```