

USER ACCEPTANCE TESTING

TEAM ID	PNT2022TMID15499
PROJECT NAME	EARLY DETECTION OF CHRONIC KIDNEY DISEASE USING MACHINE LEARNING

Test Cases

```
In [87]: 1 from sklearn.metrics import confusion_matrix, classification_report, accuracy_score
```

```
In [88]: 1 print(confusion_matrix(y_test, y_predict))
```

```
[[56  1]
 [ 0 43]]
```

```
In [89]: 1 print(classification_report(y_test, y_predict))
```

	precision	recall	f1-score	support
0	1.00	0.98	0.99	57
1	0.98	1.00	0.99	43
accuracy			0.99	100
macro avg	0.99	0.99	0.99	100
weighted avg	0.99	0.99	0.99	100

Test Case

8.2 User Acceptance Testing

Chronic Disease Prediction

Age:

Blood Pressure:

Ureaic Specific Gravity:

al:

su:

rbc:

pc:

Web Page View

pcr:

wc:

rv:

lta:

dm:

cad:

appet:

pe:

auc:

Check

Web Page View

127.0.0.1:5000 IBM NALAIYA THIRAN

Chronic Disease Prediction

Age: 52

Blood Pressure: 100

Urinary Specific Gravity: 1

al: 3

su: 0

rbc: normal

glu: abnormal

Entering value in the web page

127.0.0.1:5000

gpcr: 33

wc: 9000

rc: 4

htu: yes

dm: yes

cad: no

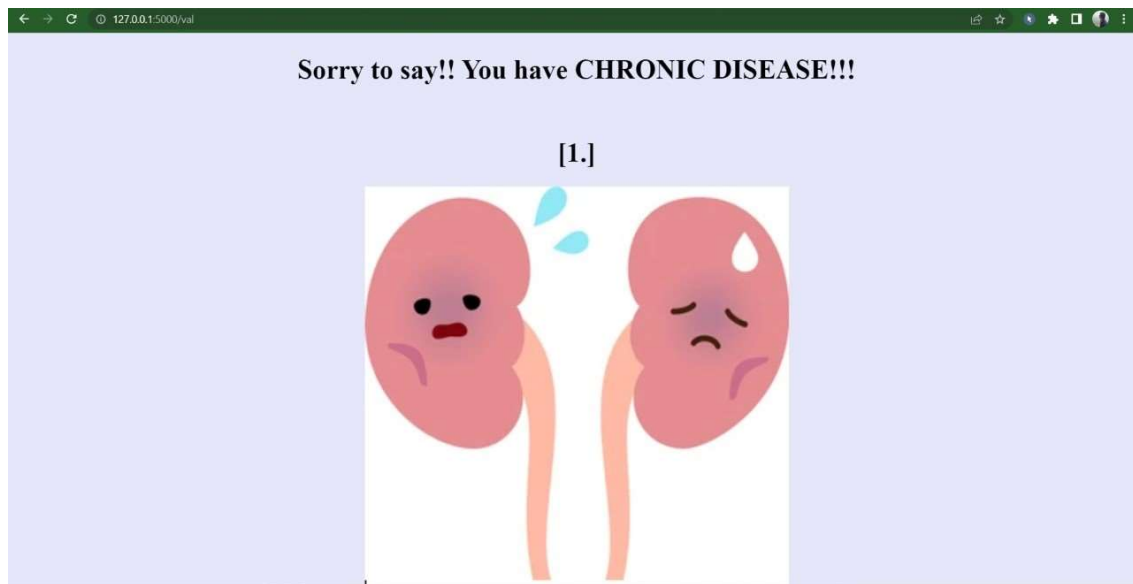
appet: good

gpi: no

uric: red

Check

Entering value in the web page

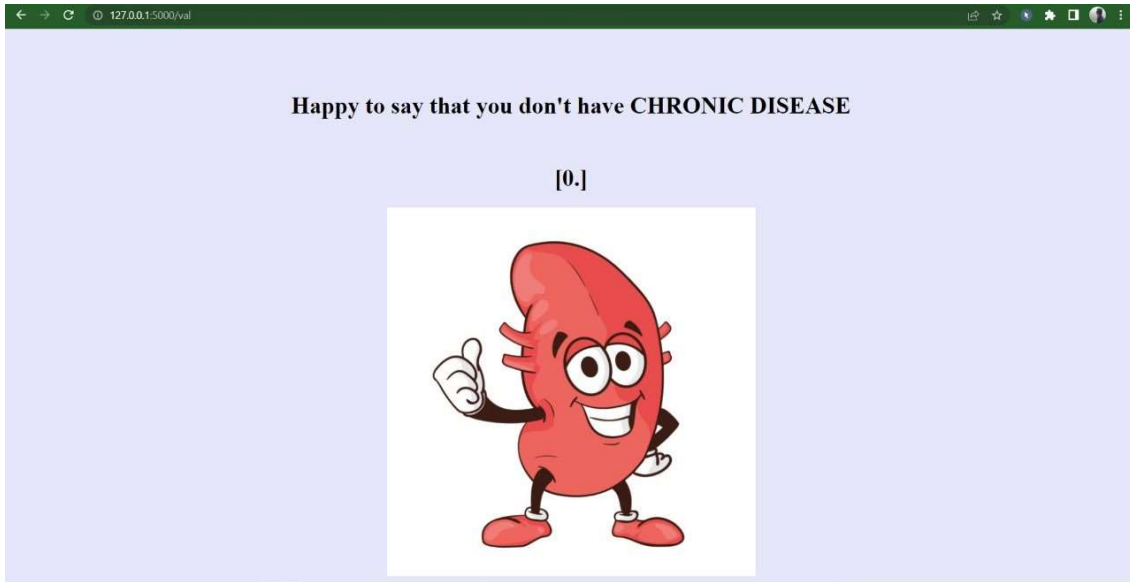


Result with person having CKD

A screenshot of a web browser window displaying a "Chronic Disease Prediction" form. The browser's address bar shows "127.0.0.1:5000". The page title is "IBM NALAIYA THIRAN". The form is set against a background illustration of human lungs and kidneys with small figures interacting with them. The form fields are as follows:

- Age: 57
- Blood Pressure: 90
- Urinary Specific Gravity: 1
- al: 0
- su: 0
- rbc: normal
- pus: normal

Entering value in the web page



Result with person not having CKD