#### **SPRINT 3**

Date : 16 Nov 2022

Project Name : Early Detection Of Chronic Kidney Disease

**Using Machine Learning** 

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Team Members: NITHISHKUMAR S, RAGHURAJ S, ROAHIT S

## In this sprint we are doing local deployment

## **App.py code screen**

```
| December | Process | Pro
```

## **HOME.HTML CODE SCRE**

```
COD PRIAL

COD PRIAL
```

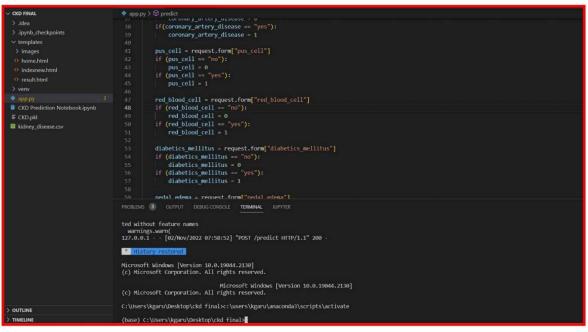
## **INDEXNEW.HTML CODE SCREEN**

```
| COD FINAL | C. | C. | C. | D. | Description | Descripti
```

## **RESULT.HTML CODE SCREEN**

```
| October | Octo
```

#### LOCAL DEPLOYMENT CODE SCREEN



Microsoft Windows [Version 10.0.19044.2130]

(c) Microsoft Corporation. All rights reserved.

C:\Users\kgaru\Desktop\ckd final>c:\users\kgaru\anaconda3\scripts\activate

(base) C:\Users\kgaru\Desktop\ckd final>conda activate deployment

(deployment) C:\Users\kgaru\Desktop\ckd final>

WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.

\* Running on http://localhost:5000

Press CTRL+C to quit

\* Restarting with stat

c:\Users\kgaru\anaconda3\envs\deployment\lib\site-packages\sklearn\base.py:329: UserWarning: Trying to unpickle estimator DecisionTreeClassifier fro m version 1.0.2 when using version 1.1.2. This might lead to breaking code or invalid results. Use at your own risk. For more info please refer to: https://scikit-learn.org/stable/model\_persistence.html#security-maintainability-limitations

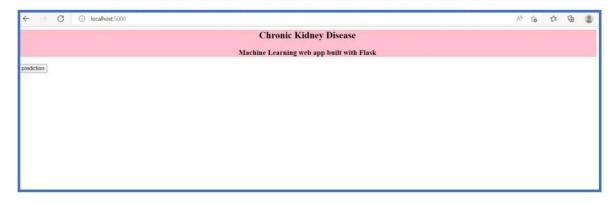
warnings.warn(

c:\Users\kgaru\anaconda3\envs\deployment\lib\site-packages\sklearn\base.py:329: UserWarning: Trying to unpickle estimator RandomForestClassifier fro m version 1.0.2 when using version 1.1.2. This might lead to breaking code or invalid results. Use at your own risk. For more info please refer to: https://scikit-learn.org/stable/model\_persistence.html#security-maintainability-limitations

warnings.warn(

\* Debugger is active!

\* Debugger PIN: 847-133-482



## **TEST CASE 1: CKD**

Chronic Kidney Disease	
Machine Learning web app built with H	Task
prediction	

Chronic Kidney Disease		
Machine Learning web app built with Flask		
Blood Urea   90 Blood Glucose Raudom   157 Select Anemia   no   Select Aconary Airtry Disease   yes v  Select To Cell   yes v  Select Robbetics Mellinu   yes v  Select Diabetics Mellinu   yes v  Select Pabetics Mellinu   yes v  Select Pabetics Mellinu   yes v  Select Pabetics Mellinu   yes v  Select Pedal Edema   yes v    predict		

	Chronic Kidney Disease
	Machine Learning web app built with Flask
[0]	
Medical Result	
Your Condition is abnormal.	
You are having chronic kidney disease.	

# **TEST CASE 2: NO CKD**

I	Chronic Kidney Disease
	Machine Learning web app built with Flask
I	prediction
١	
ı	

	Chronic Kidney Disease		
Machine Learning web app built with Flask			
Blood Urea 46 Blood Glucose Random 117 Select Anemia [no v] Select Toronary Artery Disease [no v] Select Plus Cell [no v] Select Ted Blood Cell [no v] Select Diabetics Mellins [no v] Select Pedal Edema [no v] predict]			

Chronic Kidney Disease		
Machine Learning web app built w	th Flask	
[1]		
Medical Result		
Your Condition is normal.		
You are not having chronic kidney disease.		

## **TEST CASE 3: CKD**

	Chronic Kidney Disease	
	Machine Learning web app built with Flask	
prediction		

	Chronic Kidney Disease	
	Machine Learning web app built with Flask	
Blood Urea 148 Blood Glucose Random 1773 Select Anemia [vs v] Select Coronary Artery Disease [vs v] Select Red Blood Cell [no v] Select Red Blood Cell [no v] Select Disease Melliums [ves v] Select Disease Melliums [ves v]		

Chronic Kidney Disease		
Machine Learning web app built with Flask		
fedical Result		
our Condition is abnormal.		
You are having chronic kidney disease.		

# **TEST CASE 4: NO CKD**

Chronic Kidney Disease		
	Machine Learning web app built with Flask	
prediction		

Chronic Kidney Disease		
Machine Learning web app built with Flask		
Blood Urea 24 Blood Gfucose Random 132 Select Anemia [no v] Select Coronary Artery Disease no v Select Pus Cell Ino v Select Pus Cell Ino v Select Red Blood Cell no v Select Disease Melims ino v Select Pus Cell Select Pus Cell Select Disease Melims Ino v Select Disease Melims Ino v Select Pus Cell Select Pus Ino v Select Pus In		

Chronic Kidney Dis	ease
Machine Learning web app bui	t with Flask
(I)	
Medical Result	
Your Condition is normal.	
You are not having chronic kidney disease.	

# **TEST CASE 5: NO CKD**

Chronic Kidney Disease		
Machine Learning web app built with Flask		
prediction		

Chronic Kidney Disease			
	Machine Learning web app built with Flask		
Blood Urea 129 Blood Glucose Random 99 Select Anemia no v Select Croronary Artery Disease no v Select Pus Cell no v			
Select Red Blood Cell no v Select Diabetics Mellitus no v Select Pedal Edema no v predict			

Chronic Kidney Disease		
lask		
iask		