PNT2022TMID35483 DATE: 12.11.2022

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**EARLY DETECTION OF CHRONIC KIDNEY DISEASE** 

#### **SPRINT 3**

In this sprint we are doing local deployment

### **App.py code screen**

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```

### **HOME.HTML CODE SCREEN**

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### **INDEXNEW.HTML CODE SCREEN**

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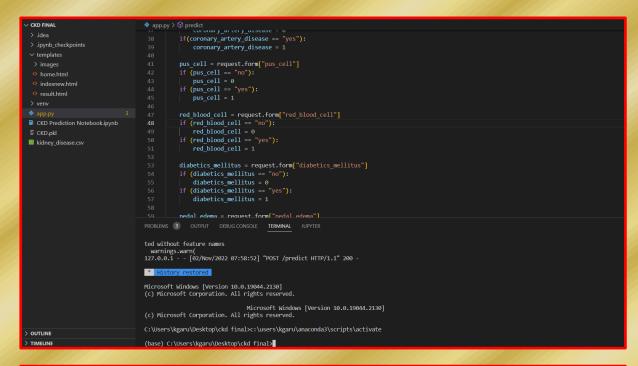
#### **RESULT.HTML CODE SCREEN**

```
| Occupance | Occu
```

### **LOCAL DEPLOYMENT CODE SCREEN**

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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

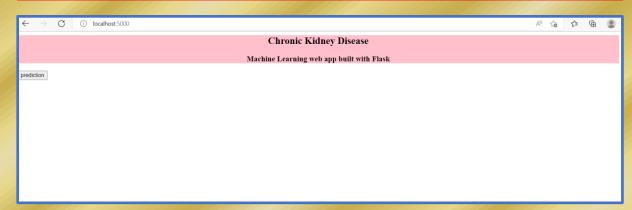
warnings.warn(

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 activel

\* Debugger PIN: 847-133-482



## \*\*\*\*\*\*\*\* \* **TEST CASE 1: CKD** Chronic Kidney Disease Machine Learning web app built with Flask prediction **Chronic Kidney Disease** Machine Learning web app built with Flask Blood Urea [90 | Blood Glucose Random | 157 | Select Anemia | no v | Select Coronary Artery Disease | yes v | Select Red Blood Cell | no v | Select Diabetics Mellitus | yes v | Select Diabetics Mellitus | yes v | Select Diabetics Mellitus | yes v | predict **Chronic Kidney Disease** Machine Learning web app built with Flask **Medical Result** Your Condition is abnormal. You are having chronic kidney disease.

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Chronic Kidney Disease

Machine Learning web app built with Flask

prediction

Chronic Kidney Disease

Machine Learning web app built with Flask

Blood Glicose Random 117
Select Anemia no v
Select Coronary Artery Disease no v
Select Red Blood Ceil no v
Select Place Glico v
Select Place Glico v
Select Disease Kellims no v
Select Disease Red In v
Select Disease no v

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Chronic Kidney Disease

Machine Learning web app built with 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 Chronic Kidney Disease Machine Learning web app built with Flask Blood Urea | 148 Blood Glucose Random | 173 Select Anemia | yes v | Select Coronary Aftery Disease | yes v | Select Pacel Ino v | Select Red Blood Cell no v | Select Disbetics Mellitus | yes v | Select Pedal Edema | yes v | predict | **Chronic Kidney Disease** Machine Learning web app built with Flask **Medical Result** You are having chronic kidney disease

## \*\*\*\*\*\*\*\* \* **TEST CASE 4: NO CKD Chronic Kidney Disease** Machine Learning web app built with Flask **Chronic Kidney Disease** Machine Learning web app built with Flask Blood Urea 24 Blood Glucose Random 132 Select Anemia no V Select Coronary 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 Chronic Kidney Disease Machine Learning web app built with Flask 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 **Chronic Kidney Disease** Machine Learning web app built with Flask Blood Urea 129 Blood Glucose Random 99 Select Anemia no 🗸 Select Coronary Artery Disease no 🗸 Select Pus Cell no v Select Red Blood Cell no v Select Diabetics Mellitus no v Select Pedal Edema no 🔻 predict **Chronic Kidney Disease** Machine Learning web app built with Flask Medical Result Your Condition is normal. You are not having chronic kidney disease.