

RUN THE APP

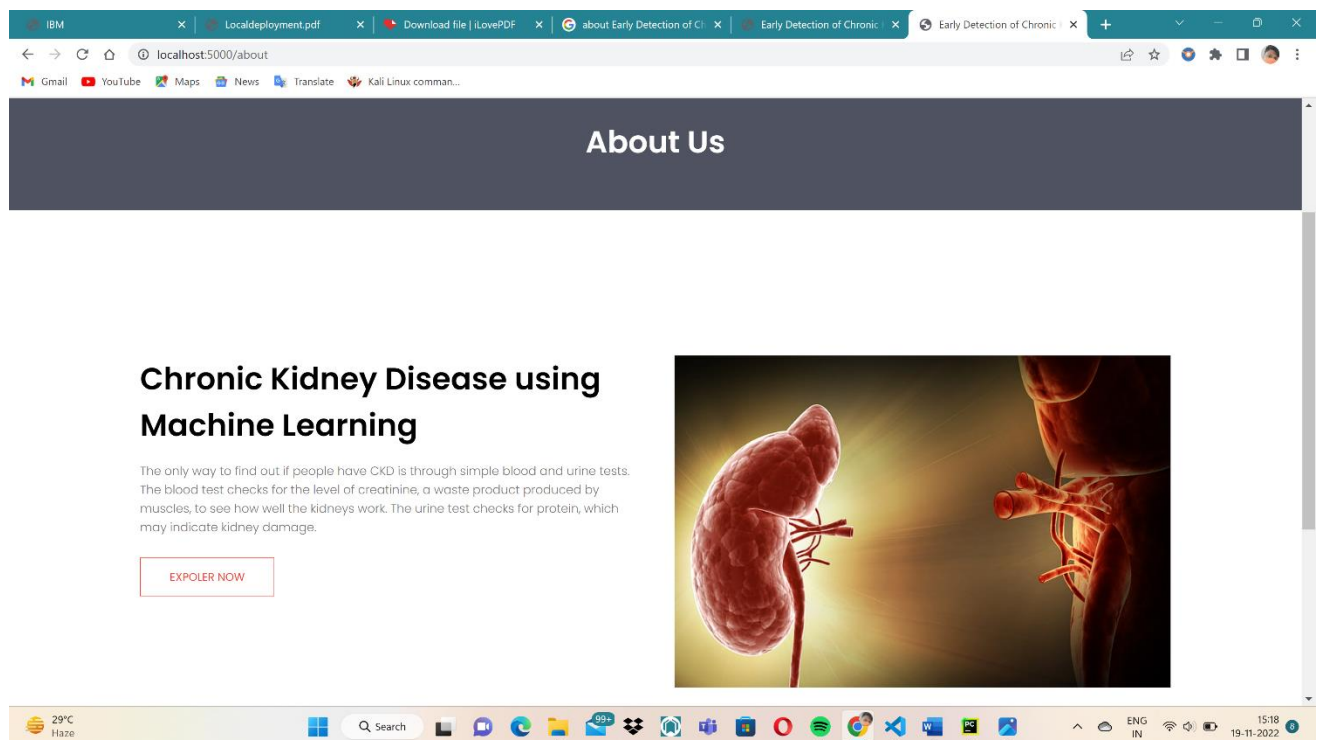
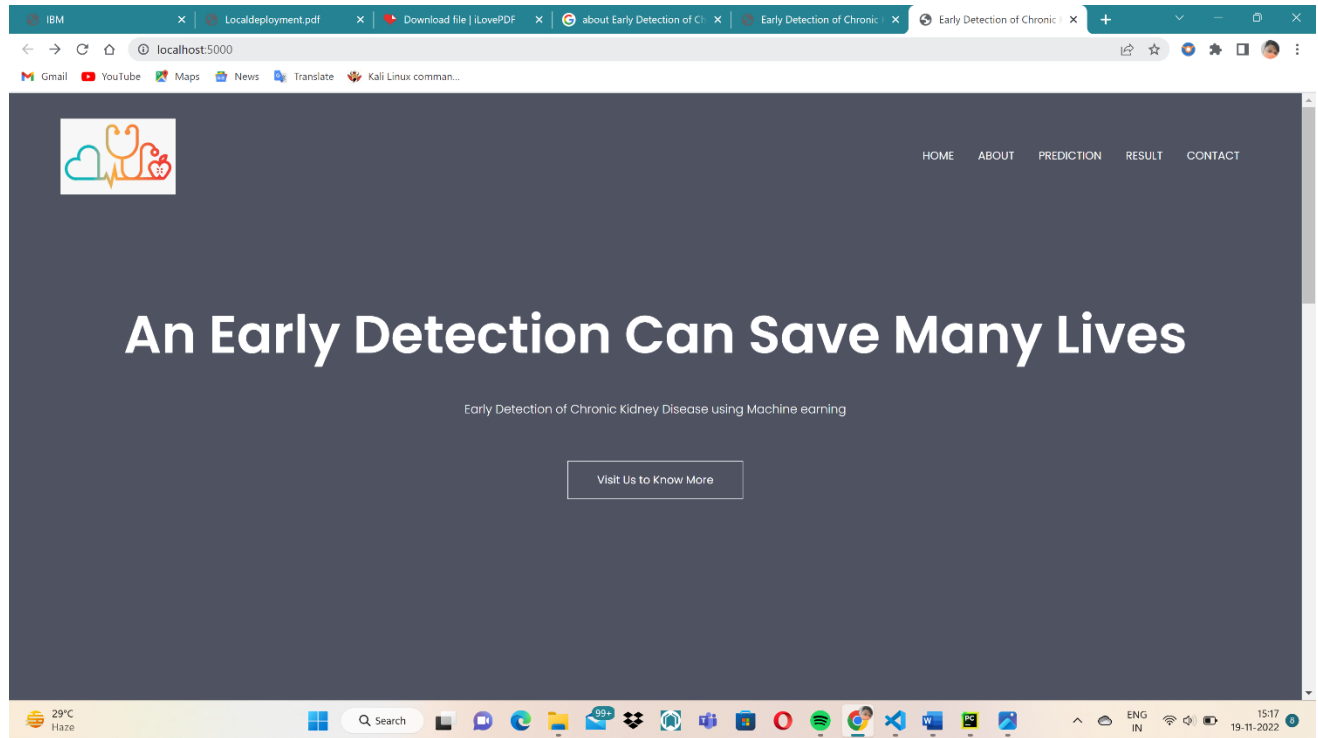
Date	12 November 2022
Team ID	PNT2022TMID01412
Project Name	Project – Early Detection of Chronic Kidney Disease using Machine Learning

- App.py Code Screen

The screenshot displays the PyCharm IDE interface. The left sidebar shows the project structure for 'ibmproject', including folders for 'Models', 'static', and 'templates', and various image files. The main editor window shows the 'App.py' file with the following code:

```
1 import numpy as np
2 import pandas as pd
3 import sklearn
4 from flask import Flask, request, render_template
5 import pickle5 as pickle
6
7
8 app = Flask(__name__)
9 model = pickle.load(open('Models/modeling.pkl', 'rb'))
10
11
12 @app.route('/')
13 def home():
14     return render_template('index.html')
15
16
17 @app.route('/Prediction', methods=['POST', 'GET'])
18 def prediction():
19     return render_template('prediction.html')
```

The bottom panel shows the 'Run' output for 'App'. It displays a warning about the development server and the Flask app 'App' running on <http://localhost:5000>. The output also includes a warning about the scikit-learn version (0.25.2) and the Python version (3.7).



IBM

Localdeployment.pdf

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about Early Detection of C

Early Detection of Chronic

Early Detection of Chronic

localhost:5000/Prediction

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CKD Categories

Stage 1 Normal

Stage 2 Mild CKD

Stage 3A Moderate CKD

Stage 3B Moderate CKD

Stage 4 Severe CKD

Stage 5 End Stage CKD

GFR>90ml/min

GFR=60-89ml/min

GFR=45-59ml/min

GFR=30-44ml/min

GFR=15-29ml/min

GFR<15ml/min

Chronic Kidney Disease

Machine Learning

Blood Urea

Blood Glucose Random

Select Anemia

Select Coronary Artery Disease

Select Pus Cell

Select Red Blood Cell

Select Diabetes Mellitus

Select Pedal Edema

predict

About Us

The only way to find out if people have CKD is through simple blood and urine tests. The blood test checks for the level of creatinine, a waste product produced by muscles, to see how well the kidneys work. The urine test checks for protein, which may indicate kidney damage.

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