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# -*- coding: utf-8 -*-
"""
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"""

import
import as
from import

#Loading The Saved Model
open 'F:/deployment ML/predictive model/diabetes_model.sav' 'rb'
open 'F:/deployment ML/predictive model/heart_disease_model.sav'
open 'F:/deployment ML/predictive model/parkinsons_model.sav' 'rb'

# Sidebar for Navigate

with
    'Multiple Disease Prediction System'

    'Diabetes Prediction' 'Heart Disease Prediction' 'Parkinsons Prediction'
    'activity' 'heart' 'person'
    0

#Dibitease prediction page
if 'Diabetes Prediction'
    'Diabetes Prediction Using ML'

#column for input fieold
    3

with
    'No of pregnancies'
with
    'Glucose Level'
with
    'Blood Pressure value'
with
    'Skin Thickness value'
with
    'Insulin Level'
with
    'Body mass index value'
with
    'Diabetes Pedigree Function value'
with
    'Age of Person'

#coading for prediction
    ''

#creating a button
if 'Diabetes Test Result'

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        if                                0  1
            'The Person is Diabetic'
        else
            'The Person is not Diabetic'

#Heart_disease prediction page
if      'Heart Disease Prediction'
        'Heart Disease Prediction Using ML'

#column for input field
        3

with
        'Age of person'
with
        'Sex'
with
        'Chest Pain type'
with
        'Resting Blood Pressure'
with
        'Serum cholestoral in mg/dL'
with
        'Fasting blood sugar'
with
        'Resting electrocardiographic results'
with
        'Maximum heart rate achieved'
with
        'Exercise induced angina'
with
        'ST depression induced by exercise relative to rest'
with
        'The slope of the peak exercise ST segment'
with
        'number of major vessels (0-3) colored by flourosopy'
with
        'Thal'

#coading for prediction
        ''

#creating a button
if      'Heart Disease Test Result'

        if                                0  1
            'The Person have Heart Disease'
        else
            'The Person have not Heart Disease'

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# Parkinson's Prediction Page
if "Parkinsons Prediction"

    # page title
    "Parkinson's Disease Prediction using ML"

    5

    with 'MDVP:F0(Hz)'

    with 'MDVP:F1(Hz)'

    with 'MDVP:FLo(Hz)'

    with 'MDVP:Jitter(%)'

    with 'MDVP:Jitter(Abs)'

    with 'MDVP:RAP'

    with 'MDVP:PPQ'

    with 'Jitter:DDP'

    with 'MDVP:Shimmer'

    with 'MDVP:Shimmer(dB)'

    with 'Shimmer:APQ3'

    with 'Shimmer:APQ5'

    with 'MDVP:APQ'

    with 'Shimmer:DDA'

    with 'NHR'

    with 'HNR'

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with
                                'RPDE'

with
                                'DFA'

with
                                'spread1'

with
                                'spread2'

with
                                'D2'

with
                                'PPE'

# code for Prediction
''

# creating a button for Prediction
if
    "Parkinson's Test Result"

    if
        0      1
        "The person has Parkinson's disease"
    else
        "The person does not have Parkinson's disease"

```