


# HTML Pages

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Enter registered email ID

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Login

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The image is a screenshot of a presentation slide titled "ABOUT PROJECT" and "WE CLASSIFY". At the top, there is a header bar with five rounded square images showing different skin conditions: eczema, psoriasis, a melanoma lesion, basal cell carcinoma, and actinic keratosis. Below the header, the slide is divided into two main sections. The "Problem:" section on the left explains that skin diseases are a global health issue, with skin cancer rates increasing. It mentions that skin diseases are not treated early enough, leading to complications. It also states that skin disease diagnosis depends on different characteristics like color, shape, and texture. The "Solution:" section on the right describes a model for early detection of skin cancer and psoriasis. It states that the model analyzes the image and detects whether the person has skin disease or not. At the bottom, the "WE CLASSIFY" section is partially visible. The slide is presented in a browser window, and the Windows taskbar is visible at the very bottom.


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complications in the body including spreading or the infection from one individual to the other. The skin diseases can be prevented by investigating the infected region at an early stage. The characteristic of the skin images is diversified so that it is a challenging job to devise an efficient and robust algorithm for automatic detection of skin disease and its severity. Skin tone and skin colour play an important role in skin disease detection. Colour and coarseness of skin are visually different. Automatic processing of such images for skin analysis requires quantitative discriminator to differentiate the diseases.

characteristics like colour, shape, texture etc. Here the person can capture the images of skin and then the image will be sent the trained model. The model analyses the image and detect whether the person is having skin disease or not.


## WE CLASSIFY



PSORIASIS



MELANOMA



ROSACEA

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19:42 19-11-2022

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File | C:/Users/HP/Desktop/prediction.html

# Skin Disease Detection

Home Logout

## SkinPred- AI-based localization and classification of skin disease with erythema

Nowadays people are suffering from skin diseases, More than 125 million people suffering from Psoriasis also skin cancer rate is rapidly increasing over the last few decades especially Melanoma is most diversifying skin cancer. If skin diseases are not treated at an earlier stage, then it may lead to complications in the body including spreading of the infection from one individual to the other. The skin diseases can be prevented by investigating the infected region at an early stage. The characteristic of the skin images is diversified so that it is a challenging job to devise an efficient and robust algorithm for automatic detection of skin disease and its severity. Skin tone and skin colour play an important role in skin disease detection. Colour and coarseness of skin are visually different. Automatic processing of such images for skin analysis requires quantitative discriminator to differentiate the diseases.

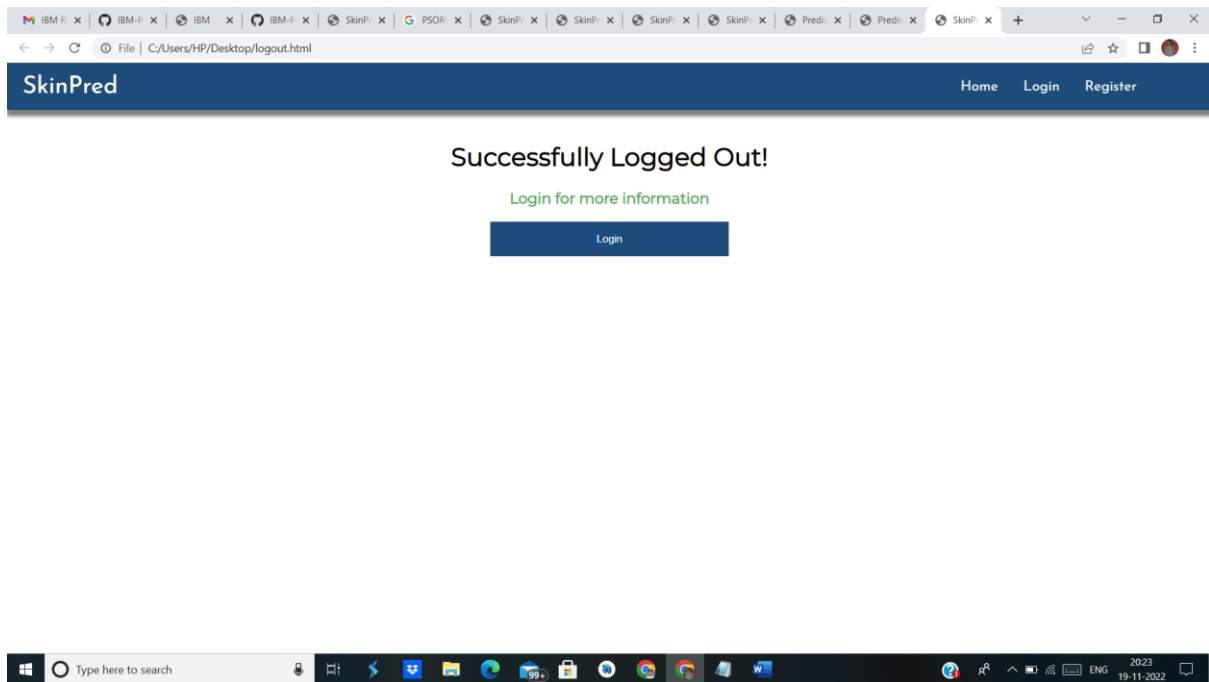


Choose File No file chosen Predict!

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Type here to search

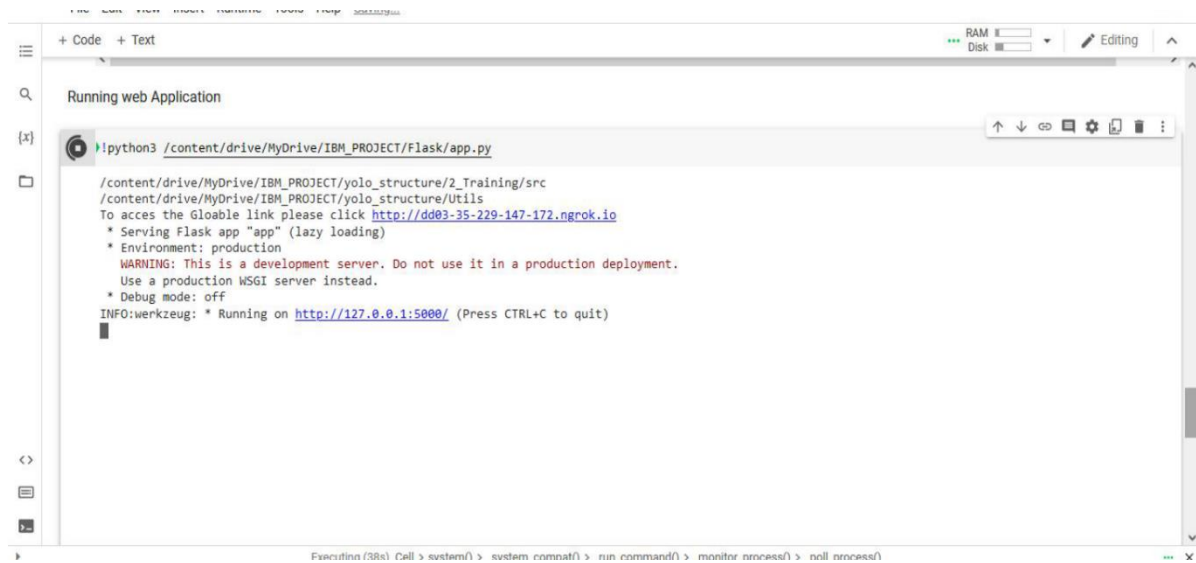
20:19 19-11-2022



## Build Python Code:

```
1 import re
2 import numpy as np
3 import os
4 from flask import Flask, app,request,render_template
5 import sys
6 from flask import Flask, request, render_template, redirect, url_for
7 import argparse
8 from tensorflow import keras
9 from PIL import Image
10 from timeit import default_timer as timer
11 import test
12 from pyngrok import ngrok
13 import pandas as pd
14 import numpy as np
15 import random
```

## Run the Application:



The screenshot shows a JupyterLab interface with a terminal window titled "Running web Application". The terminal displays the output of running a Python script. The script's output includes the current directory, a warning about the development server, and the URL to access the application.

```
!python3 /content/drive/MyDrive/IBM_PROJECT/Flask/app.py

/content/drive/MyDrive/IBM_PROJECT/yolo_structure/2_Training/src
/content/drive/MyDrive/IBM_PROJECT/yolo_structure/Utils
To access the Gloable link please click http://dd03-35-229-147-172.ngrok.io
* Serving Flask app "app" (lazy loading)
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
* Debug mode: off
INFO:werkzeug: * Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
```