

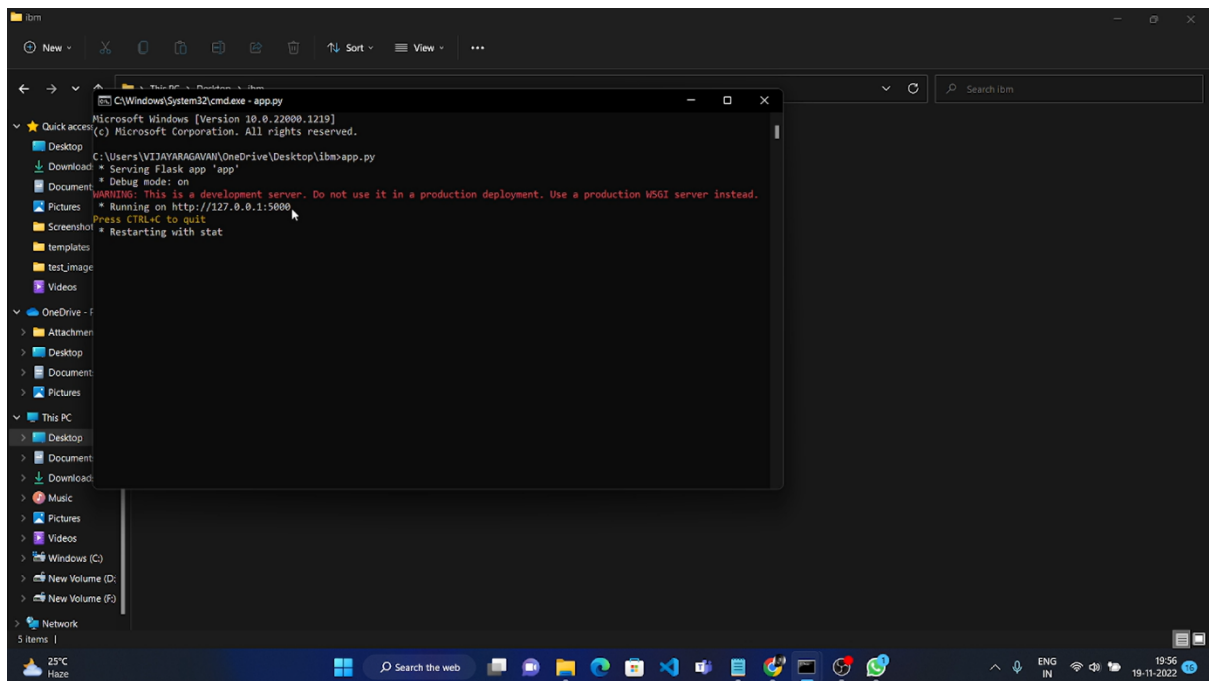
Building HTML pages

```
1 from cloudant.client import Cloudant
2 client = Cloudant.iam('14fd73b-0587-43e7-a135-8f0b1ee838e0-bluemix', '_w4LugdV8gtU145fihmyubqna99qGKG09Ey1hrr6GrZ', connect=True)
3 my_database = client.create_database('my_database')
4 from flask import *
5 import os
6 app = Flask(__name__)
7
8
9
10 @app.route('/')
11 def entry():
12     return render_template('index.html')
13
14
15
16 @app.route('/index')
17 def home():
18     return render_template('index.html')
19
20
21
22 @app.route('/register')
23 def register():
24     return render_template('register.html')
25
26
27 @app.route('/afterreg', methods=['POST'])
28 def afterreg():
29     x = [x for x in request.form.values()]
30     print(x)
31     data = {
32         '_id': x[1], #setting id is optional
33         'name': x[0],
34         'psw': x[2]
35     }
36     print(data)
37     query = { '_id': {'$eq': data['_id'] }}
```

Building Python code

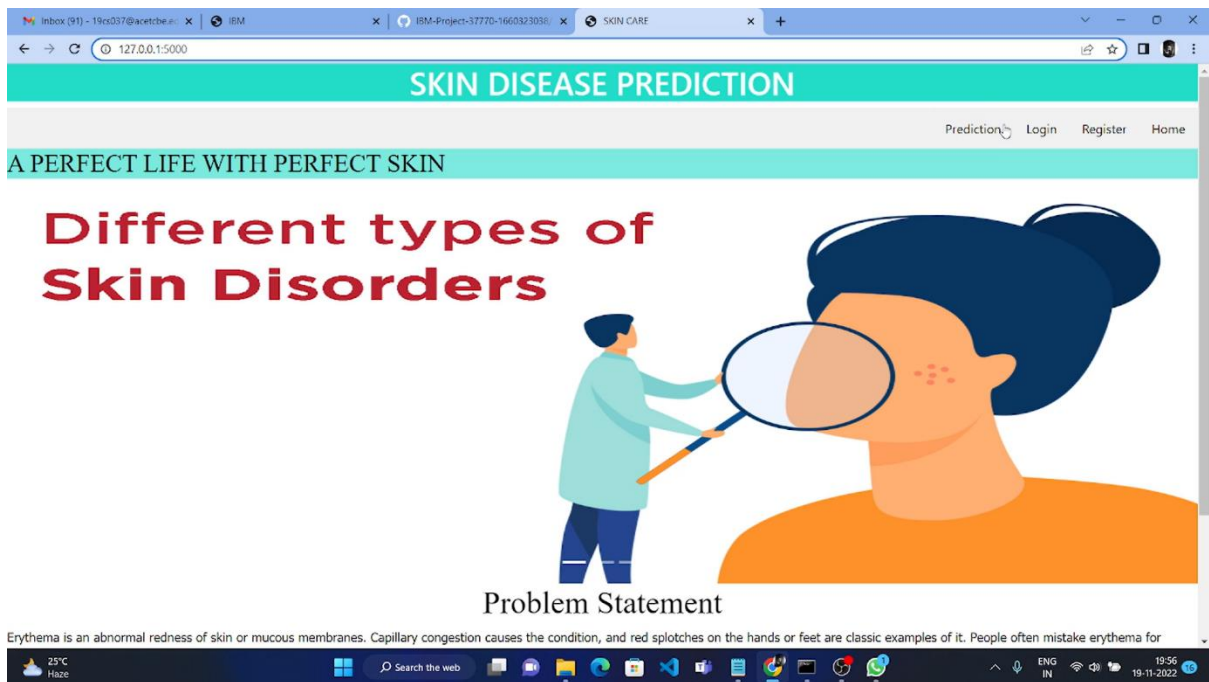
```
1 import re
2 import numpy as np
3 import os
4 from flask import Flask, url_for, render_template, request, redirect, session
5 import sys
6 from cloudant.client import db
7 from flask import flask, app, request, render_template
8 import argparse
9 from tensorflow import keras
10 from PIL import Image
11 from timeit import default_timer as timer
12 import test
13 import pandas as pd
14 import numpy as np
15 import random
16
17
18 def get_parent_dir(n=1):
19     """ returns the n-th parent directory of the current
20     working directory"""
21     current_path = os.path.dirname(os.path.abspath(__file__))
22     for k in range(n):
23         current_path = os.path.dirname(current_path)
24     return current_path
25
26 src_path = r'C:\Users\VIJAYARAGAVAN\OneDrive\Desktop\yolo_structure\2_Training\src'
27 print(src_path)
28 utils_path = r'C:\Users\VIJAYARAGAVAN\OneDrive\Desktop\yolo_structure\utils'
29 print(utils_path)
30
31 sys.path.append(src_path)
32 sys.path.append(utils_path)
33
34 import argparse
35 from keras_yolo3.yolo import YOLO, detect_video
36 from PIL import Image
37 from timeit import default_timer as timer
```

Running the application



```
Microsoft Windows [Version 10.0.22000.1219]
(c) Microsoft Corporation. All rights reserved.

C:\Users\VIJAYARAGAVAN\OneDrive\Desktop\libm>python app.py
* Serving Flask app 'app'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
* Restarting with stat
```



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Enter your Password

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Skin Disease Detection

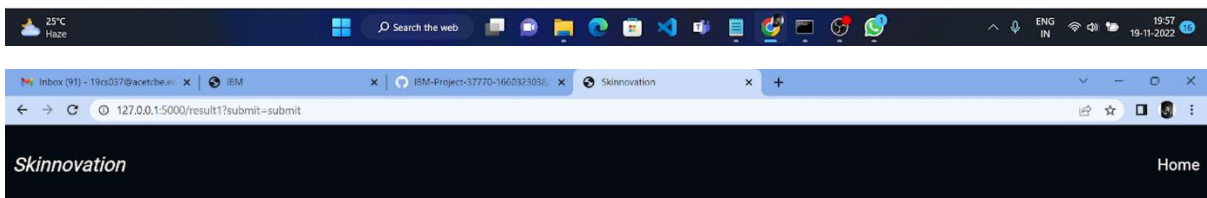
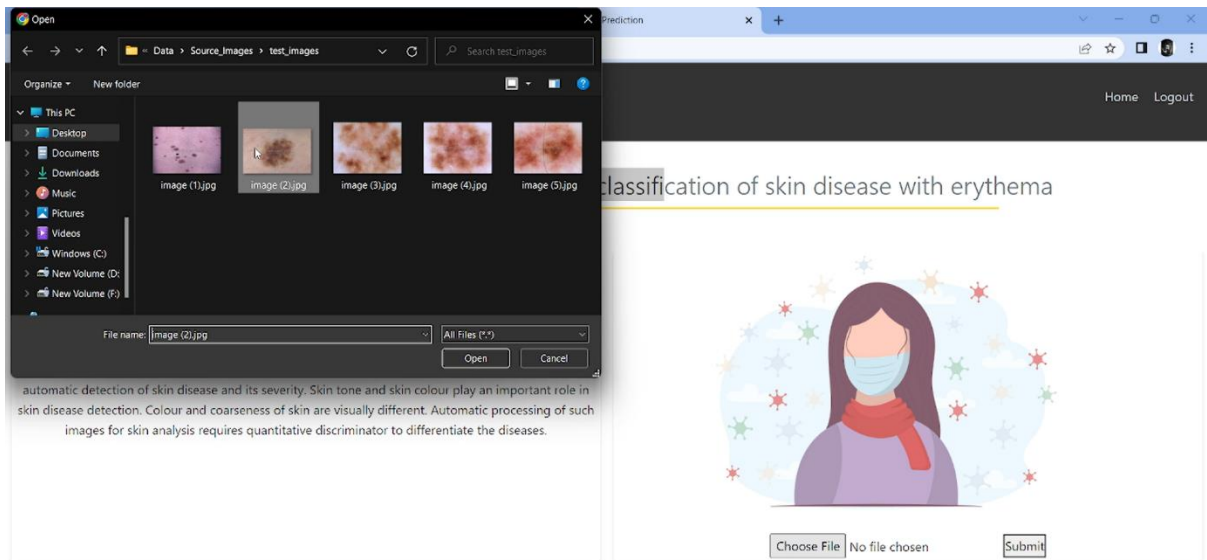
Home Logout

SKINALYTICS- 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.



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"Erythema Nodosum"

