

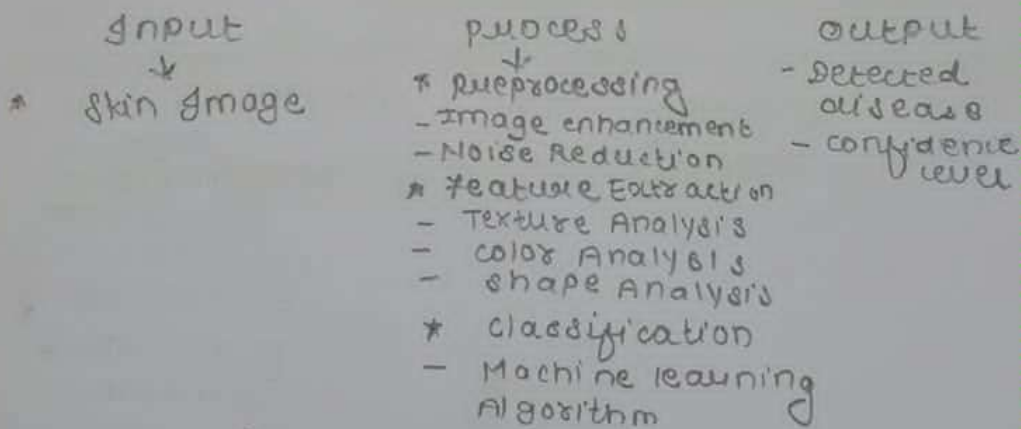
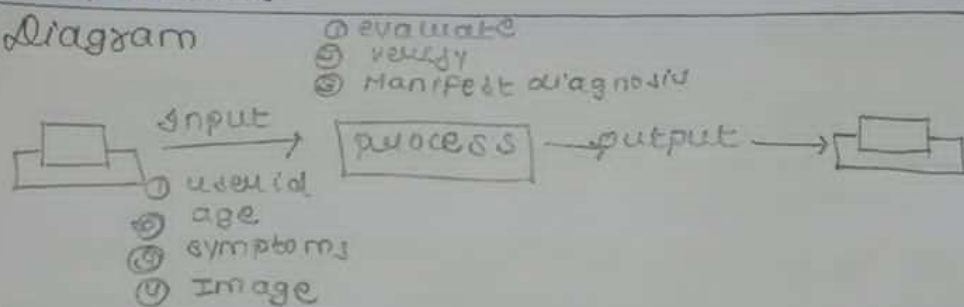
Group-9

problem statement: AI based tool for preliminary diagnosis of dermatological manifestations.

problem statement Breakdown

- ① web based Application
- ② skin diseases related problem
- ③ around people would use
- ④ open-source
- ⑤ will give early diagnosis of dermatological problems.

Diagram



Input Technology

Frontend: HTML, CSS, JavaScript

Process Technology: ① Python,

② Image processing libraries

③ Machine learning Algo

Basic Libraries [numpy, tensorflow, matplotlib, pickle, keras, sklearn, tqdm, seaborn]

For Image processing - contourpy, imageio

Data base → django, pymongo

Data preprocessing & Analysis → imutils, pandas, scipy, seaborn, matplotlib, numpy, pyWavelets

Machine learning & Deep learning → TensorFlow, keras, skit-image, skit-learn, h5py, opencv-python, PyTorch, torchvision, tensorboard

Output: matplotlib, seaborn, pillow, opencv, tensorflow/keras, flask/django

Technology in use [HTML, CSS, JavaScript, Python]