Snakebite Identification & Detection With Snakebite Mark Using Machine Learning Approach

Group number: 23

MODULE DESCRIPTION

Our system consists of two modules.

1. Image processing

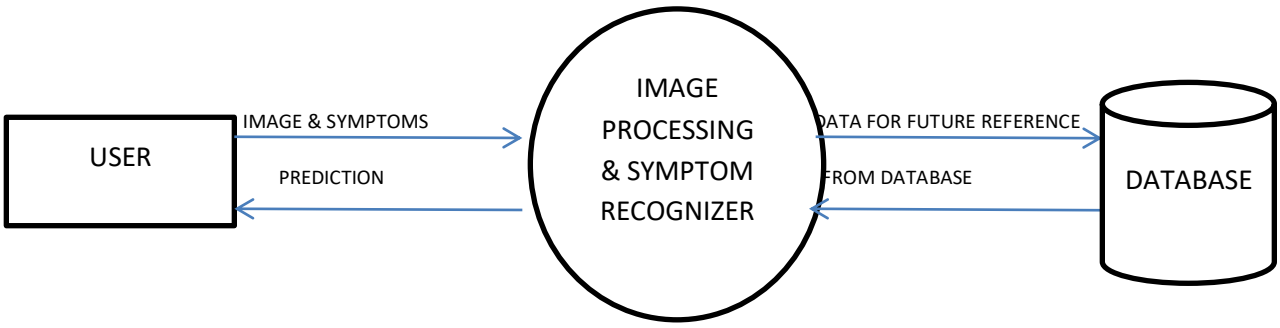
2. Prediction from the symptoms

In the first module the input i.e., all the bitten images are converted into a grayscale image, after that, the image enters the pre-processing stage. After the pre-processing stage is carried out, the next is the feature extraction in which the image is analyzed, further predicting an output.

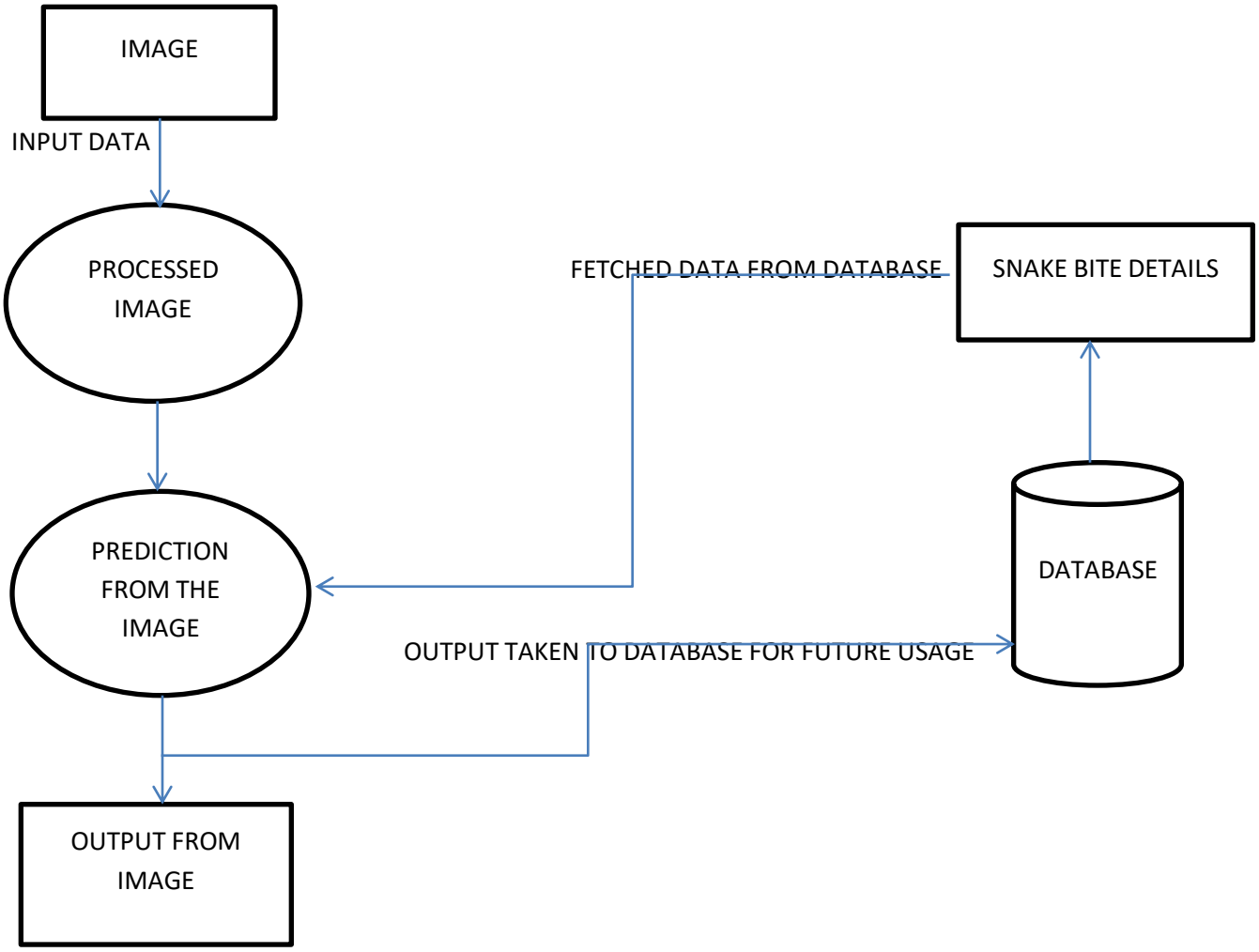
In the second module, the obtained result from the previous module will be taken as the current input, and the system will fetch the relevant data such as symptoms which will be compared with the user's symptoms. Finally, the most accurate output will be displayed.

DATAFLOW DIAGRAM

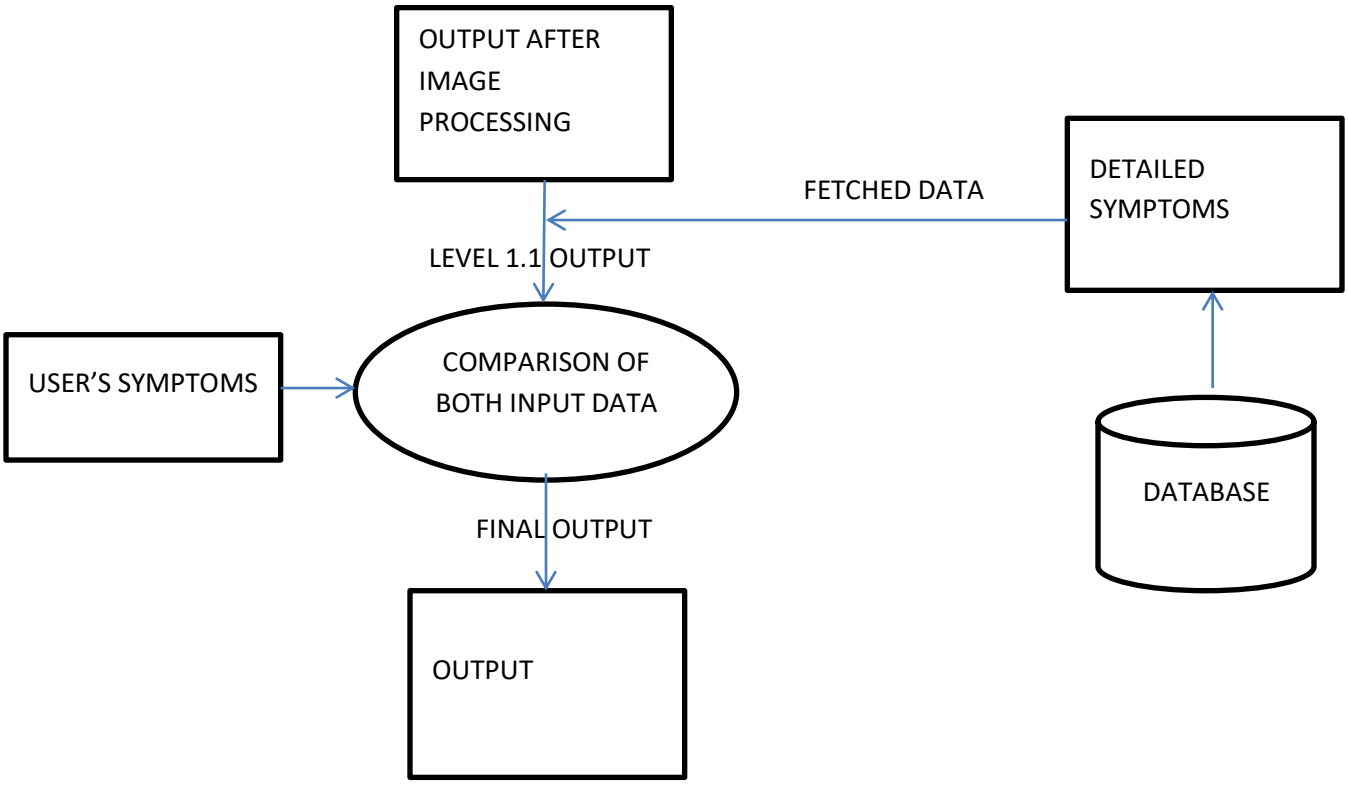
LEVEL 0 (BASIC LEVEL)



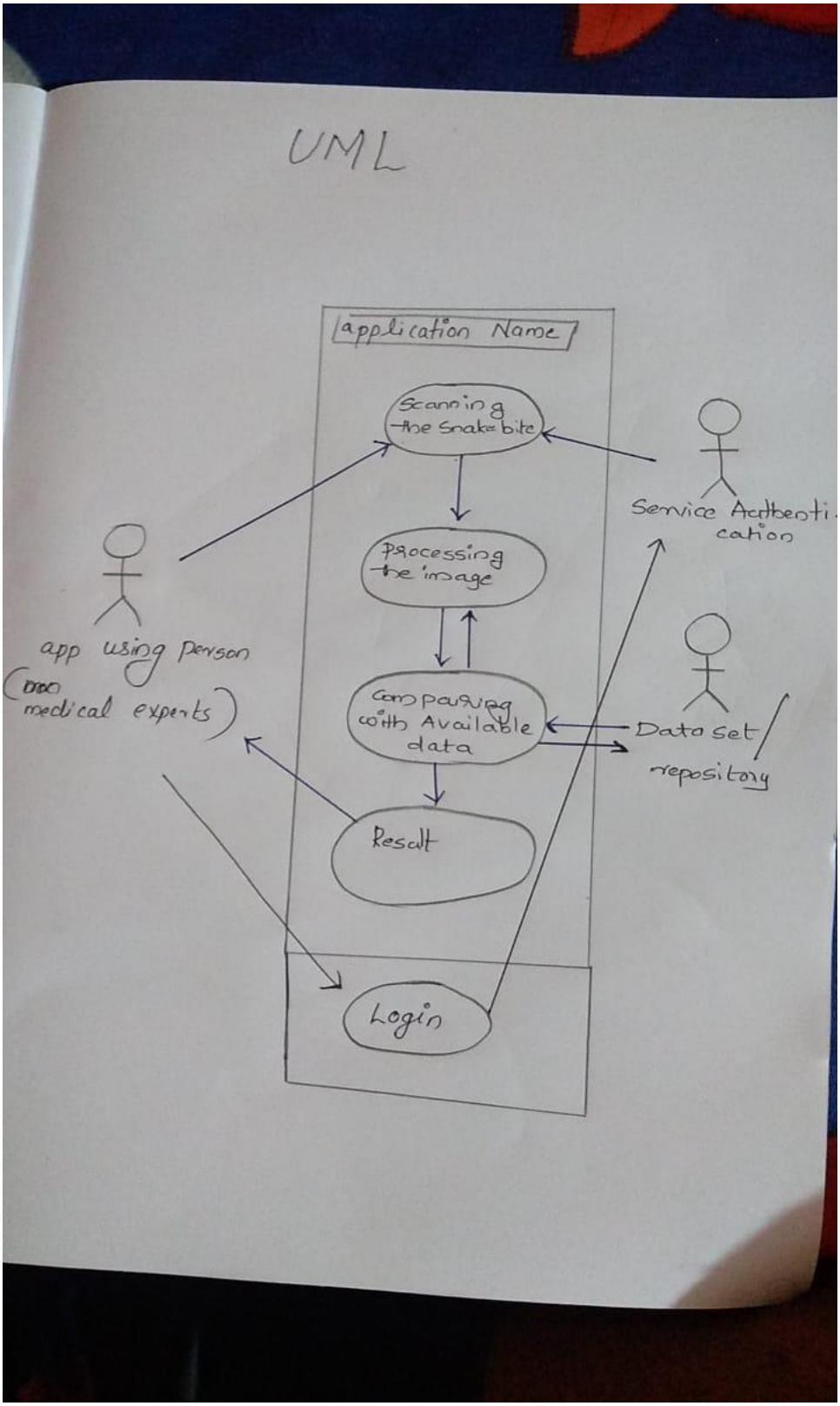
LEVEL 1.1 (IMAGE PROCESSED PREDICTION)



LEVEL 1.2 (PREDICTION FROM SYMPTOMS)



UML DIAGRAM


UML
application Name
Scanning the Snake bite
Processing the image
Comparing with Available data
Result
Login
Service Authenti-cation
Data set / repository
app using Person
(Doctors medical experts)

STRUCTURAL CHART