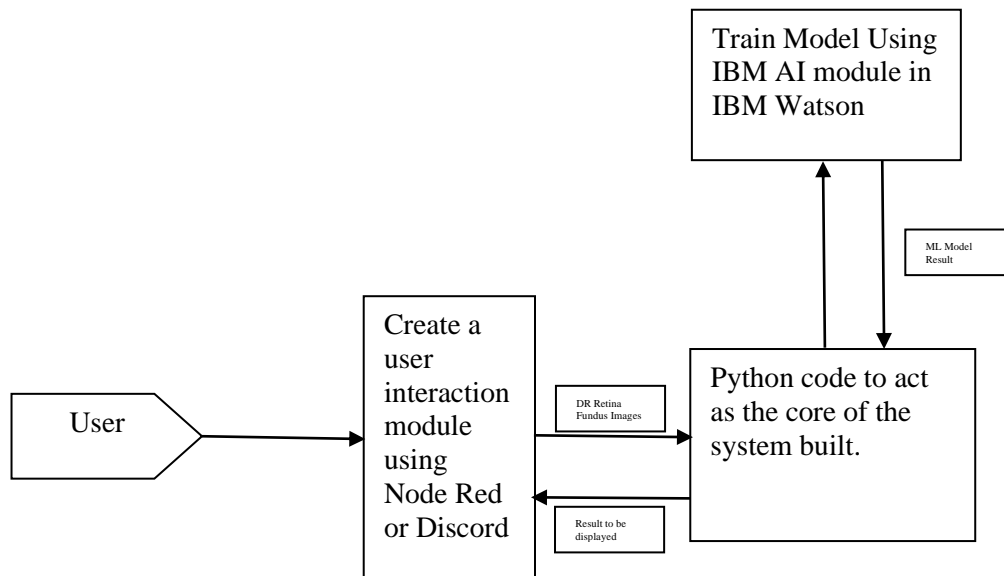


# **Solution Architecture**

## **MINIMUM VIABLE ARCHITECTURE FOR MVP**

**Team ID:PNT2022TMID52980**



### **Technologies needed for Minimum Viable Product deployment:**

We have determined to approach the given problem statement in a phased manner. In the 1<sup>st</sup> phase, we would experiment with data so as to understand what is to be done and what we are working with.

In the 2<sup>nd</sup> phase, we would work on the machine learning model either via the IBM Watson tool available at our disposal or we'll work on it using python and go-ahead with a convolutional neural network (CNN) approach so as to work on the image provided by the user.

In the 3<sup>rd</sup> phase, we would work on the user interaction with the system so as to feed the image to it and get a result subsequently. We are for now planning to have a chatbot supported by discord to serve as a medium through which the user can interact with the system.

The final phase would be the deployment and error correction in the real world.