

## **1. Functional Requirements:**

In the functional requirements, we focus on documenting the operations and activities that our project is supposed to perform, and they include the following.

- The user initially faces the camera and emotion is being recognized.
- The user's emotion is analyzed using a count variable.
- A specific formula will be applied to calculate a person's depression detection level and will be guided accordingly.

## **2. Non-Functional Requirements:**

In terms of non-functional requirements, we should be mainly focusing on the performance requirements of our system.

- The model should be trained with a better accuracy dataset in order to classify among the various emotions.
- The quality of the camera should be good so that it captures the video at a better quality.
- The processor should be of i5 or more, else the video capturing will not happen.