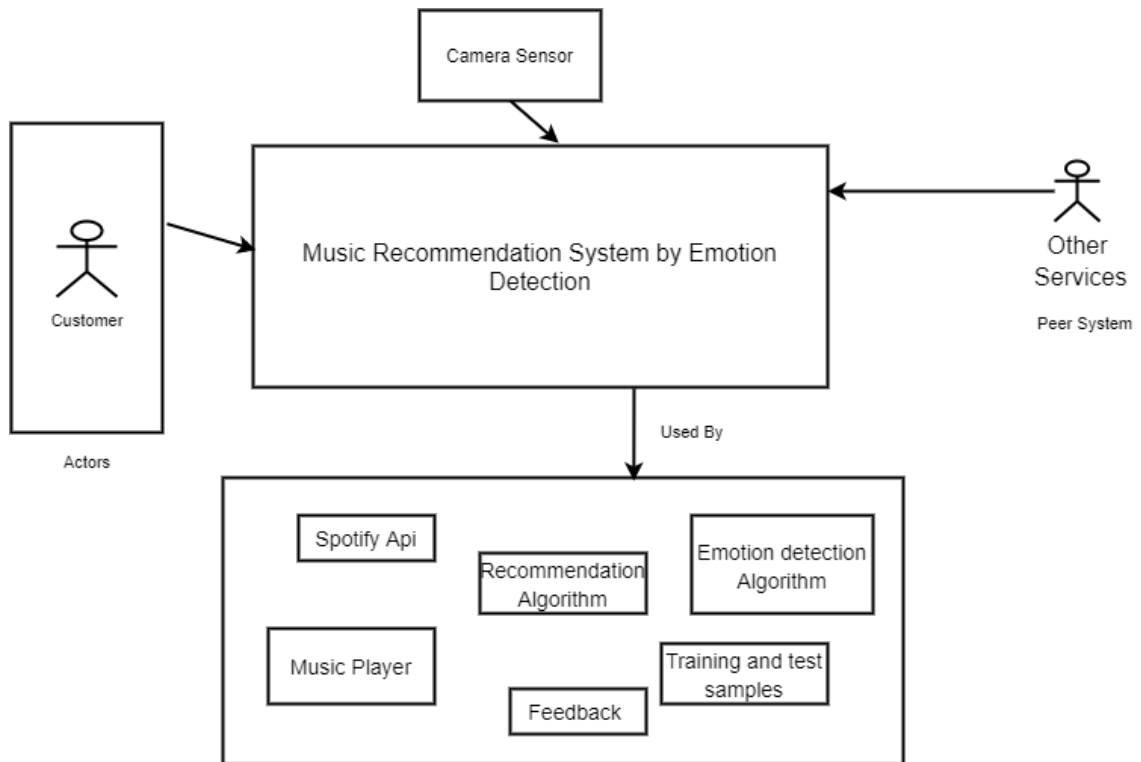
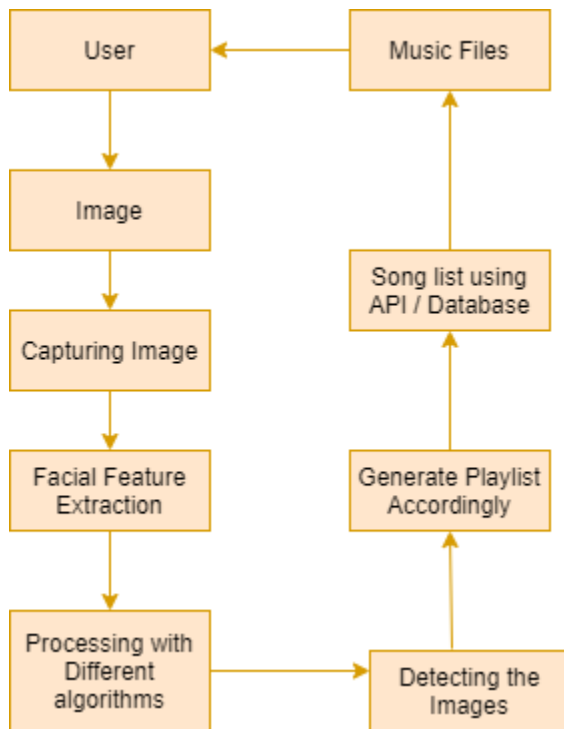


## SYSTEM ARCHITECTURE

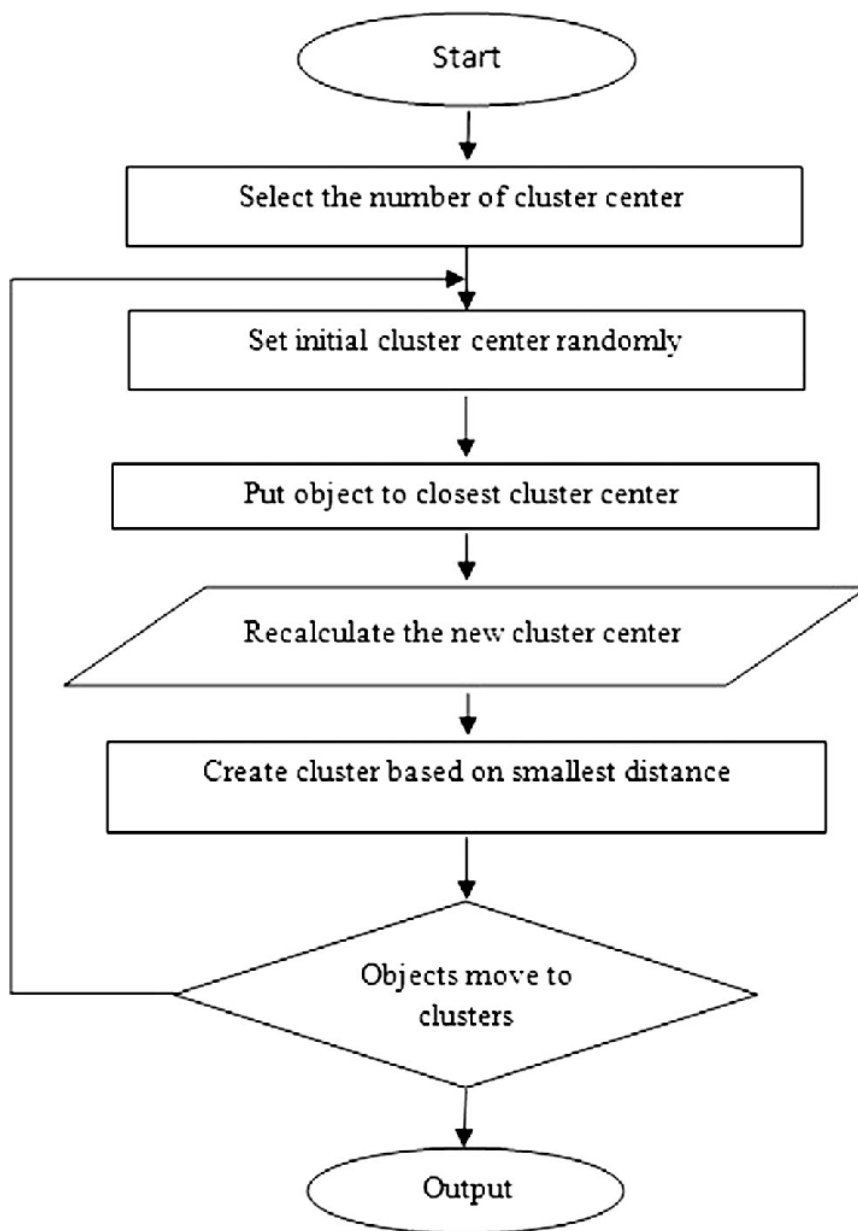


## SYSTEM FLOW DIAGRAM



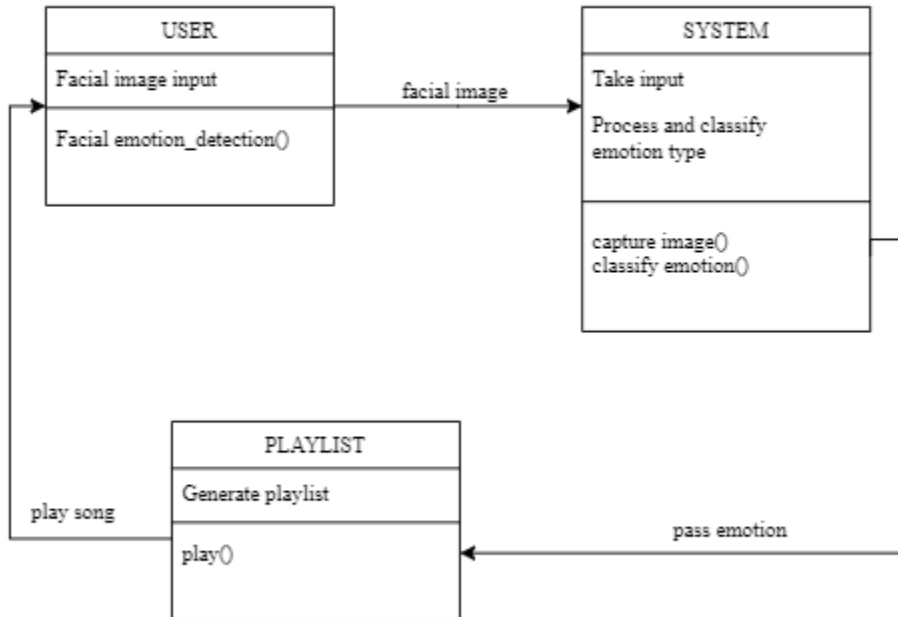
## ALGORITHM

### CNN, K-Means

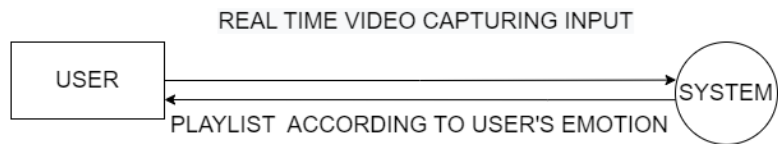


### K-MEANS ALGORITHM

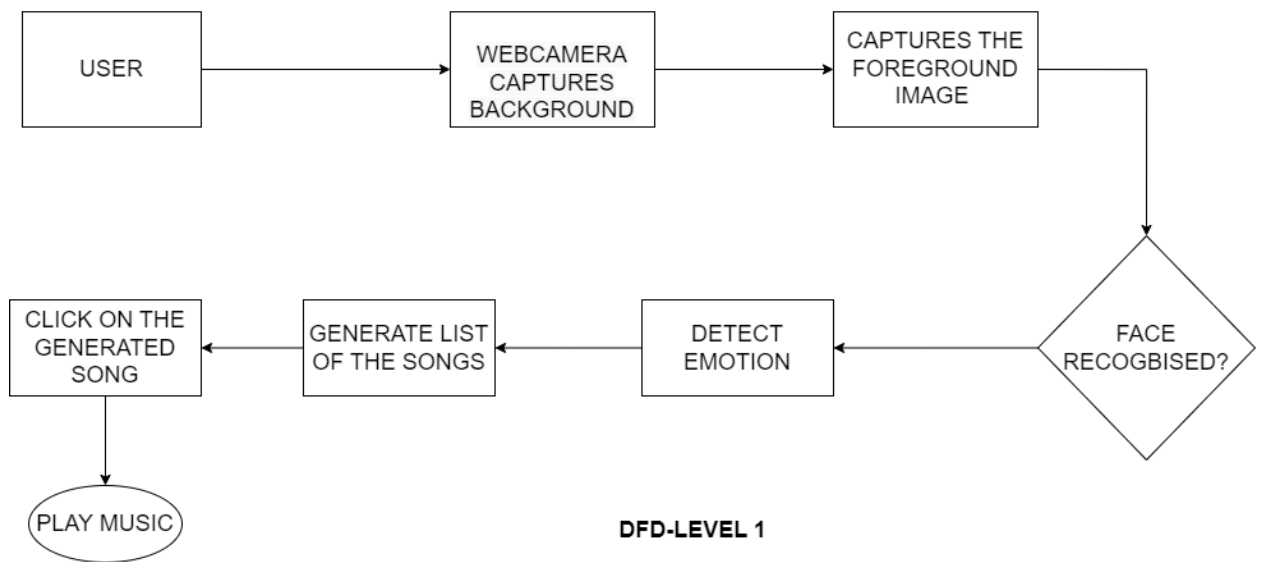
## CLASS DIAGRAM



## DFD DIAGRAM



**DFD-LEVEL 0**



**DFD-LEVEL 1**

## INTERFACE DESIGN

Basically, we are following the Agile model and we are having only two modules with respect to interface design which are –

1) User interface design which will have a web page for login / Registration and after login Console will open to detect emotion according to facial recognition by image or video.

