

MOOD DETECTING MUSIC PLAYER

Introduction:

Extracting of human emotion is very important for interaction between humans and machines. Our project will try to do the same.

Description:

An android application (we do not have any experience with android development, so we might just make a python or C++ program if time doesn't permit) will detect the mood of the user based on different features of his face using image processing.

It will then play music according to his mood. (As we mentioned above, we do not have any experience with android development so we might not be able to implement this either)

Requirements:

We won't be using any electronic equipment.

So, we would hardly require anything but a laptop with Android Studio installed.

Time required:

We will mostly need entire duration of ITSP slot as we will be working in a domain we have absolutely no experience in.

Cost Estimated:

We are not using any extra equipment so we won't have to spend any money.

However if we do implement the app on android, we would have to spend 1500 rupees for uploading the software on android play store.

Schedule:

1st couple of weeks would be spent mostly on learning android development and image processing in java.

Next 1 week for developing the mood detection algorithm.

Next 2 weeks for developing the app and debugging

Thing we expect to learn:

Android development and image processing in java.

Team Members:

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