

End action:

The website / mobile application should play the song from the database according to the mood of the user.

How:

User's mood can be easily understandable with help of following data

* Keywords

If user intentionally says "I am sad/happy/etc" the database has values / data / songs under sad / happy entities, to start just 1 song can be linked

* Rate of speech

Determination of mood is not that easy by hearing the rate of speech however with some real world research might help.

slow med high

* decibel value

recognising the decibel value from user is not that easy and not tough too

30 - 60 dB → Normal home noise

60 - 80 → office environment / vacuum cleaner

80 > → Throw "error" stating relax with a cup of water and try again

So, I recommend our s/w to hear/recognize voice on the following criteria/steps;

Keywords then ROS and lastly decibel count

Requirements: Phase I

(Can we google blogspot)

Technical

Domain / local host /
blogspot / AWS options /
Google cloud platform.

Physical

Macbook
Internet connection
User to activate
the use case

Knowledge

MySQL (DB)
Front end (HTML, CSS)
Java script

Design phase

Phase II → Concentrating on DB on this phase.

E-R diagram

Schema

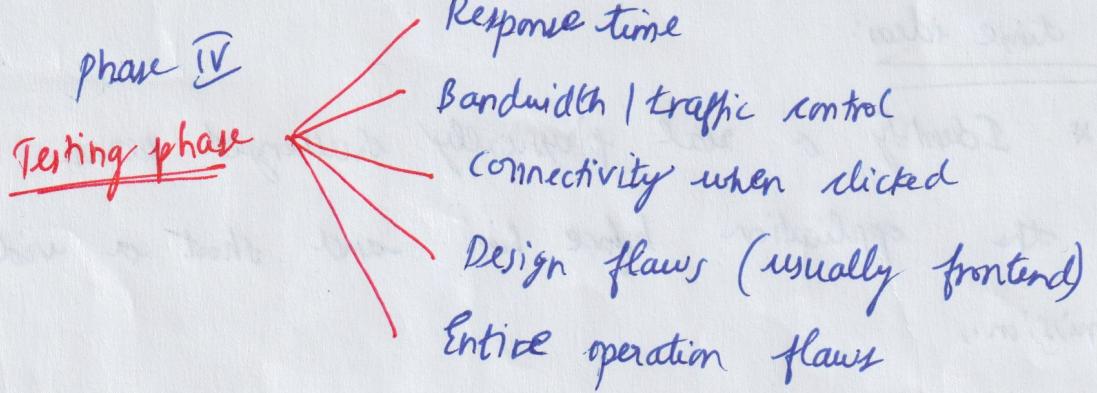
Arch. Design DB

Development phase

Phase III → Prototyping and tweaking

Prototyping → just displaying the idea to real eyes in a basic way

Tweaking → After prototyping it is satisfied to an extent, it can be enhanced according to the thought process.



Phase V
Production / Delivery phase

In phase V, the website is given access to the other student to have it checked with a condition of not too complicated phrases.

Phase VI
Analytical phase
 usually real time feedbacks are received and enhanced in forthcoming updated versions, it is highly recommended to have some real time data analysis

Phase VII
Service / maintenance phase
 usually maintenance and services are the most needed one and it is taken care in the VIIth phase.