**Web Application Requirements**

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Group #3

**Description:**

I am planning to build a web site which allows users to connect socially and share their specific opinions over their expertise in the field they are working based on the categorization . This categorization will be mostly based on Music they prefer .The website will also enable them to locate various locations according to their taste in music.

**Purpose:**

The purpose of this web application to connect people based on their taste in music and to allow them to connect via music sharing.

**Marketing:**

The best way for me to publicize my websites would be :

1. Advertisement (on other websites , blogs and other music stations)
2. Mobile marketing
3. Classic appearances which allows for better customer base
4. Quality database of music to choose from

**Target Audience:**

My target audience would be age group 23-30 as these are adults who have very specific taste of music .

**Competition / Examples:**

Spotify does allow for sharing music but its mainly a repository . My website will have repository made by ppl and would be for people.

**Technical Requirements:**

1. Server type: EC2 or Heroku . Mainly cloud based
2. Hypervizor:
3. Web Server:WAMP
4. Database: MySQL, SQLite or MongoDB *(pick one, but make sure to have a good reason to use and explain it.)*

*MY SQL because I am quite comfortable in it . It is a relational database so I can have better understanding of schemas*

1. Scripting Language: PHP
2. Support Libraries:Google API for geo location or FourSquare ,Facebook API, Gmail API
3. Framework: Laravel
4. Access to server: Root Access
5. Access to database: Root and Admin
6. Security / Authentication: How do you plan to encrypt passwords, and authenticate users?

I would use Heroku to do the authentication . Also I am thinking of using Facebook API which would provide authentication .