



YouRMusic

August 31, 2019

Team number: 20

Member's Names:

Khoa Pham

Johnny Phenglavong

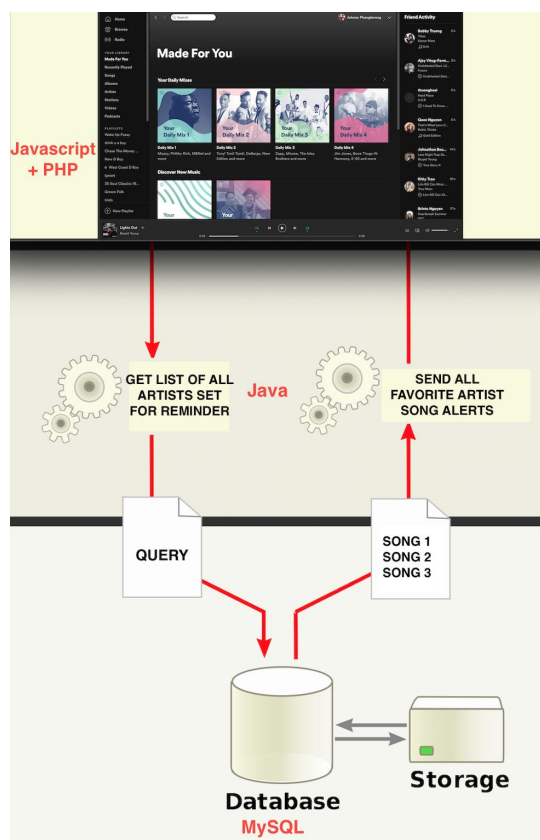
Yu Xiao Zheng

Project Overview - Johnny Phenglavong

Our group will be implementing a website for storing audio files and keeping track of the latest music releases. Our stakeholders will be music listeners and anyone involved in the entertainment industry. The problem with the current music industry is that there are few options to-go-to when it comes to creating your own playlist and streaming it while you go. Apple Music has a cluttered and complex user interface that isn't so intuitive, while Spotify is one of the top streaming services that we would like to improve upon.

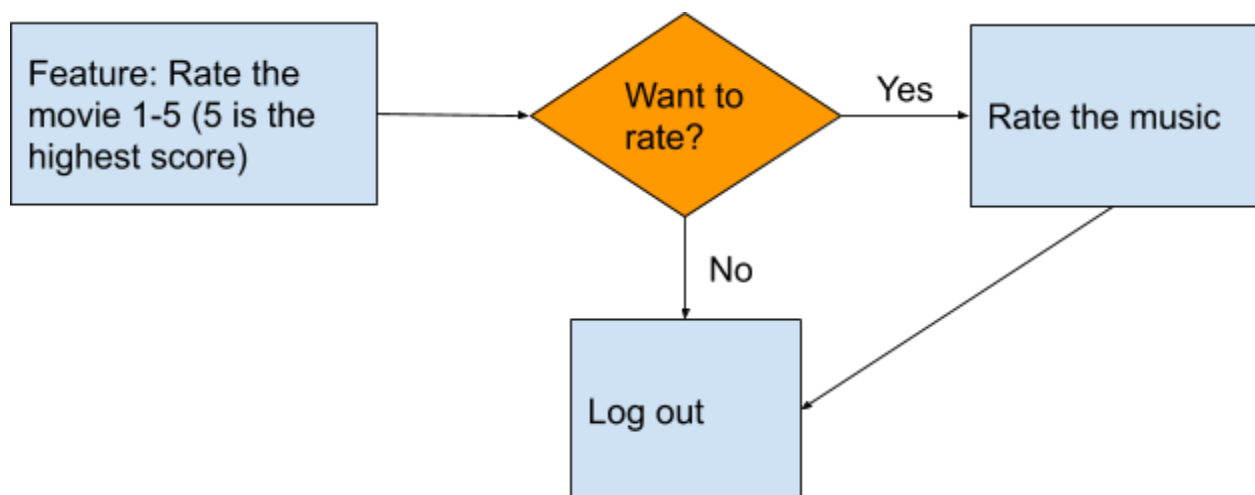
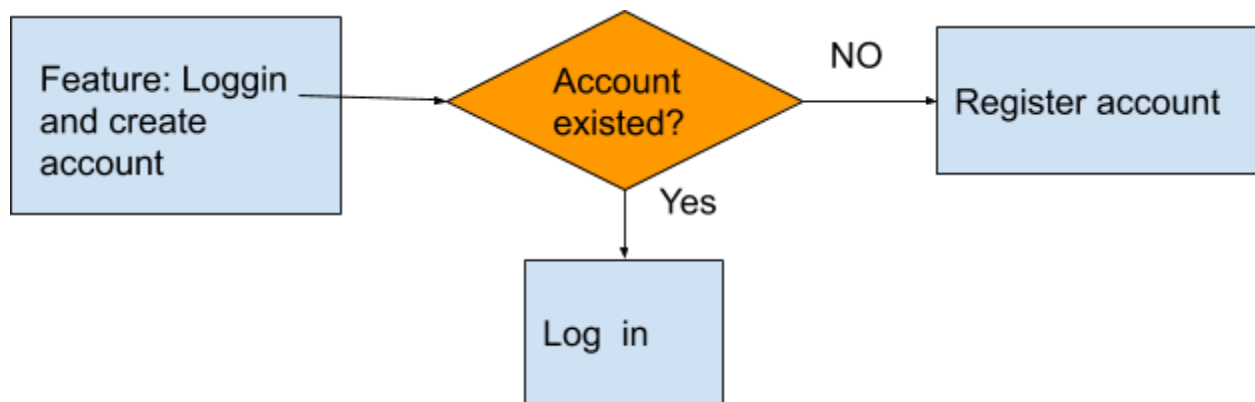
There are times when people forget about when their favorite artists release music so this site can serve as a reminder on the release date, but also follow up on notifications if the user wants to. Therefore, this project will be important in retaining customer attention and awareness of the latest songs. In addition, the entertainment industry can profit from this project as more product awareness is always a good thing.

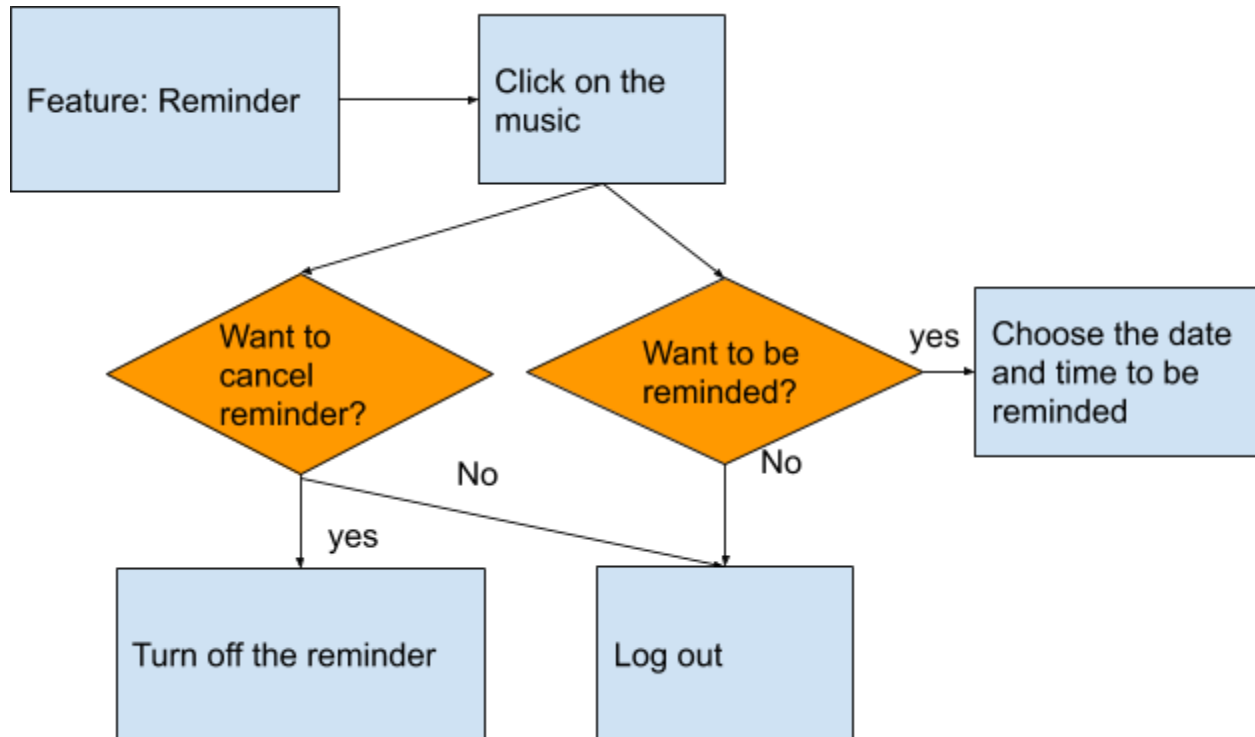
System Environment - Johnny Phenglavong & Khoa Pham



Functional Requirements - Khoa Pham & Yuxiao Zheng

Our users will be all of the music listeners. They can register for an account that includes all the films they'd love to listen to when release dates arrive along with a reminder timetable. Registering for an account is necessary for the users to keep track of their timetable. After logging in to the account, they can see a list of upcoming music, and they can decide if they want to be reminded when the music comes. In addition, clients can drop ratings to the music so that other clients can see and do so. Another feature is to also include a quick questionnaire on whether the user has listened to the music, does not want to be reminded anymore or to extend the reminder.





List of functional requirements including database operations:

For the movie customer:

- Register functioning: Customers can register for an account included ID and password.
- Login functioning: Customers can use the account to login to the website.
- Customers can add music(s) into their list
- Customers can remove music(s) from their list
- Customers can change the music(s) they want to be reminds
- Customers can search for the music(s)
- Customer can view their list of adding music(s)

For the Admin/ Manager of the Music Website:

- Manager can remove music(s) from customers' list (for no longer available movies)
- Manager can add new music(s) to the database system
- Manager can remove music(s) from the database system
- Manager can search for the music(s) in the system
- Manager can view the customers' list of music

For Back-end,

- We will operate the data on our Website Backstage
- Using Spring-boot tech to implement the Back-End operation

Non-functional issues - Yu Xiao Zheng & Johnny Phenglavong

We're going to use JavaScript, PHP, and Java to develop a GUI main screen for clients to interact with. Talking about the backend, we're going to use Java (JSP + servlet or spring boot) to implement the code. In addition, we're going to use phpMyAdmin, MySQL, XAMPP, MySQLWorkbench for the database.

List of nonfunctional requirements

- The system must be secure in order to protect user-information.
- The system must be available and robust during peak connection traffic.
- The system must be able to perform push notifications to an interested audience based on calculations from user feedback.
- The system must be intuitive and allow users to navigate the site on the first attempt.