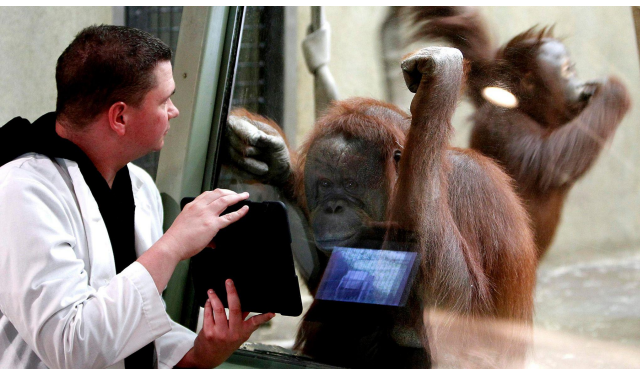




# Vynilla



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# Tools

**Project Tracker:** We used the Jira Board software to keep track of our




deadlines and update our timeline as needed. We would give this tool's usefulness

2.5  out of 5 as we found it difficult to restructure our app because it felt set in stone, and it didn't feature live-refreshing of changes, which made collaboration tedious.

**VSC repository:** Github is our source-control tool and is a very powerful tool



we would give it 5  out of 5 stars as it made collaboration so easy.

**Database:** We are using MySQL for our database since more companies use the language and we have members with experience in MySQL so we give it a 4 



# Tools

**Testing tool:** Mocha, Chai were used as the testing tools, we used



them to test if login, the Spotify API, and registration. They are useful but we did not use them as much as we would in industry so we will give them a 2.5 out of 5.



**DOCCO**



**Auto Documenter:** We are using Docco for our auto documenter as it was one of the nicest and most user friendly auto documenter we could find so we give it a 5 out of 5.



**Deployment environment:** Heroku was our host for the app and we give it 3



we used mysql so we had hurdles to jump in connecting our database but Heroku was awesome besides that

# The Glue

**Backend/Server:** We used NodeJS to handle all of our server duties. We give Node a 5 🌟 out of 5 stars.. It made our project possible, and abstracted all of the difficulties of server-management and let us focus on getting code running!

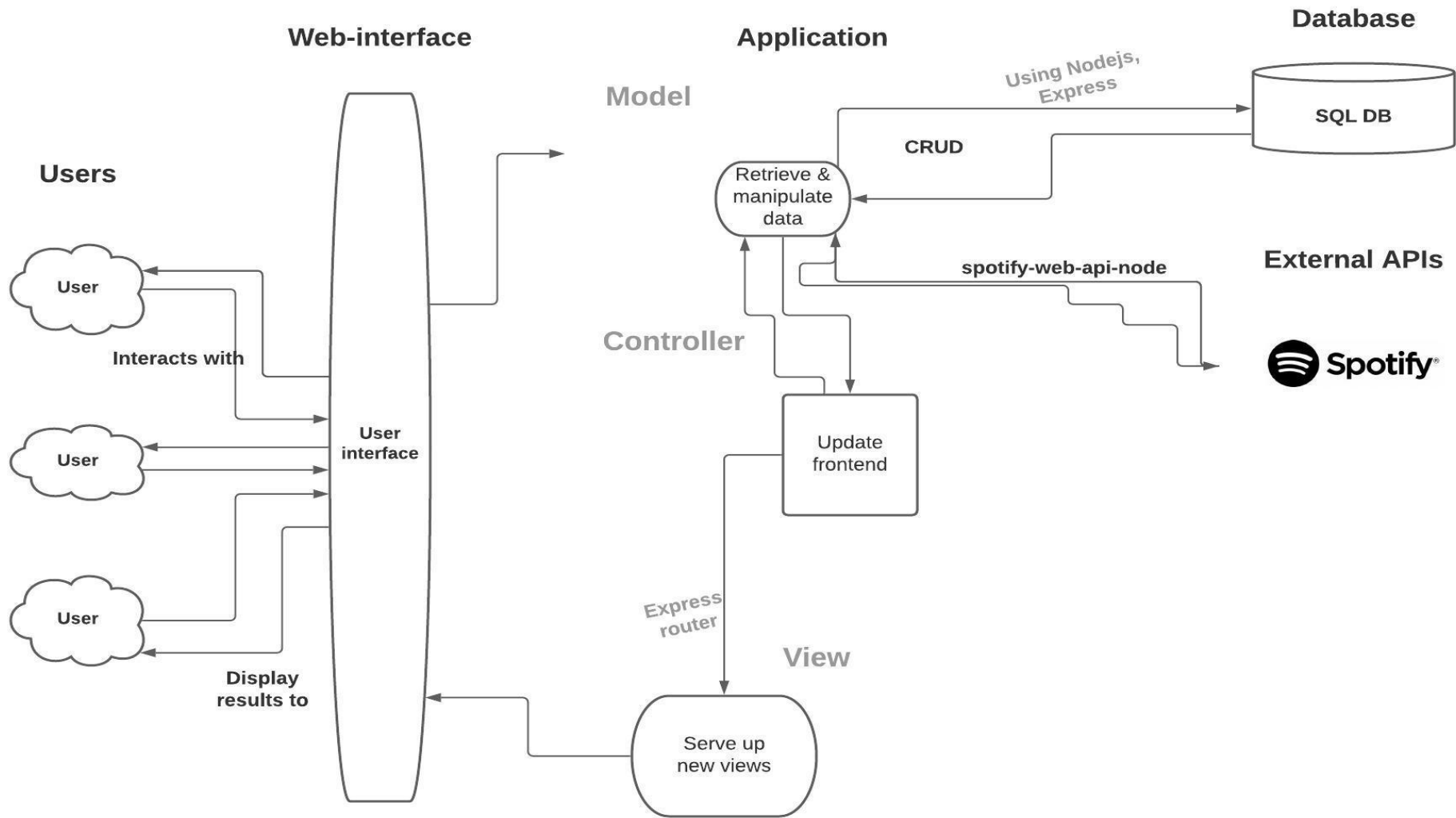


**Routing/Sessions:** Express helped us to remove logic from our main file. Admittedly, we didn't make much use of it. Still, it gets decent marks: 3 🌟 out of 5 stars.



**API:** We made extensive use of a Node wrapper for Spotify's API called 'spotify-web-api-node'. This allowed us to make concise calls to Spotify's endpoints. 5 🌟 out of 5 stars.





# Challenges

1. Building a search for users and songs
2. Retrieving the API data for Spotify
3. Coordination
4. Heroku hosting difficulties
  - (Intermittent crashes?)
5. Finding a host for MySQL DB
  - Everyone *loves* postgres!





# DEMO

