

E-JukeBox

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What is E-JukeBox?

A service empowering users to collaboratively choose the music at a gathering



Tools:

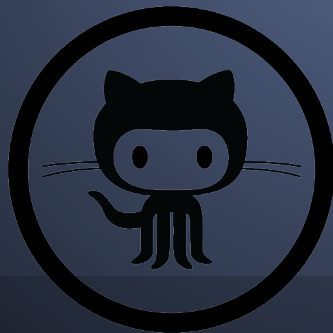
- GitHub
- Trello
- Digital Ocean
- Vim
- JSDoc
- Yeoman
- should.js
- Grunt



DigitalOcean

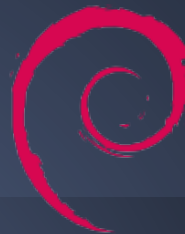


YEOMAN



Stack:

- Debian
- MongoDB
- Node.js
- Socket.io
- Angular.js



debian



ANGULARJS

Version Control

GitHub



Pros:

- Rollback
- Feature branches

Cons:

- Merge Conflicts

Rating: ★★★★★

Project Tracker

Trello



Pros:

- Simple and intuitive

Cons:

- We didn't need it

Rating: ★★★

Database

Mongodb, mongoose

Pros:

- Easy to set up and run
- Mongoose schemas

Cons:

- ER diagramming



Rating: ★★★★★

Auto-doc

JSDoc

Pros:

- Good HTML

Cons:

- No PDF output
- Not well doc'd

Rating: ★★

Testing

Should.js



Pros:

- Run with grunt
- Syntactic sugar

Cons:

- No frontend testing

Rating: ★★★★★

Dev and deployment

Debian

Pros

- apt-get
- Linux

Cons

- None



Rating:



Digital Ocean

Pros

- Easy to setup and deploy
- Free with Git Education Pack

Cons

- None



Rating:



Other Tools

Vim:

- Pro: Fast, command line
- Con: Learning curve

Rating:



Google Hangouts:

- Pro: Easy group collaboration
- Con: Uses lots of battery

Rating:



Other tools

Google Search



Pros:

- Finds anything

Cons:

- dependence

Rating: ★★★★★

Grunt



Pros: **GRUNT**

- Taskrunner

Cons:

- Learning curve

Rating: ★★★★★

Methodologies:

- Iterfall
- Pair Programming
- Peer Code Review

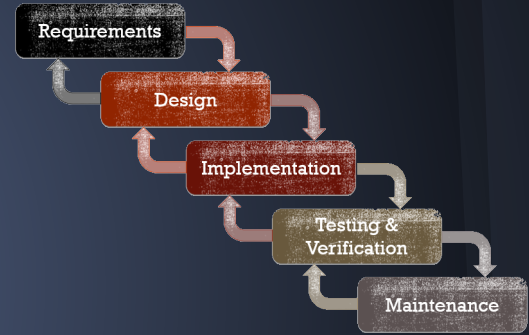
Rating:



Rating:



Rating:



Peer Code Review:
An Agile Process



Demo

- [Link](#)

START A PARTY JOIN A PARTY

Welcome to the E-JukeBox!

A photograph of a person's hands playing a piano keyboard. The lighting is dim and moody, with the keys and hands being the primary light sources. The text "Welcome to the E-JukeBox!" is overlaid in white, bold font in the center of the image.

Challenges

- Time, scheduling
- Organizing requirements into smaller tasks
- Learning to use new tools
- Legally streaming music

