



## Level UP - Groupify

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Session 1 (19/08/2015)

# Overview



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- 2 components
  - Web
    - View/Manage Track Queue
    - Angular Front-end
  - Remote
    - Streams Audio

Groupify

groupify.140proof.com

John







is subjecting you to:

**Song: Smells Like Teen Spirit**

**Artist: Nirvana**


Coming next:


#	TIME TO PLAY	TRACK	ARTIST	ALBUM	QUEUED BY
1	00:02:24	 God Only Knows - 1999 - Remaster	The Beach Boys	The Beach Boys Love Songs	
2	00:05:15	 Skulls	Misfits	Collection	


Queue a new song:


Type a song name and click "Search".


SEARCH

 Röyksopp - Skulls

 Röyksopp - Skulls

 Bastille - Skulls

 Mystery Skulls - Ghost

 Band Of Skulls - Hoochie Coochie

# Features - Current

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- Github login
- Search for tracks (via Spotify library)
- Add tracks to Queue
- Current Playing
- \*Easy Deployment (via Heroku button)

# Features - Planned

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- Upvote/Downvote
- Temporary Ban
- Intelligent Queueing (don't play same song a gazillion times a day)
- “Pushed” updates on portal (currently we're polling)

# Status

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- Some progress towards using Libspotify
- Comms using Websockets instead of SQS implemented (still missing wiring with Spotify controls)
- No work done towards voting mechanism

# Getting Started - Get the code

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- Repos:
  - Groupify: [github.com/140proof/groupify](https://github.com/140proof/groupify)
  - Groupify Remote: [github.com/140proof/groupify-remote](https://github.com/140proof/groupify-remote)
- Issues: **In Groupify Repo**

# Getting Started - .env

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- Web:

CLIENT\_ID=857fb802bb6852c4da45

CLIENT\_SECRET=d95ad2c784b353e68b87b87051f8dd3c9eeaa4a7

DATABASE\_URL=postgres://ahamidi:@localhost:5432/ahamidi?  
sslmode=disable

\* obviously change DATABASE\_URL



# Getting Started - Build

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## Web

- Get Dependencies:  
**go get**
- Build Binary:  
**go build**
- Run:  
**./groupify**

## Remote

- Get Dependencies:  
**go get**
- Build Binary:  
**go build**
- Run:  
**./groupify-remote**  
**-host <URL>**  
**-username <username>**  
**-password <password>**

# Getting Started - Database

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- Groupify uses Postgres
  - Use “Postgres.app”: <http://postgresapp.com>
  - Use hosted: <https://www.heroku.com/postgres>