

# RELEASE PLAN: AQUSTIC

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|---------------|----------|
| TEAM NAME     | Team Q   |
| RELEASE NAME  | aqustic  |
| RELEASE DATE  | 06.13.18 |
| REVISION #    | 1.0      |
| REVISION DATE | 04.11.18 |

## HIGHER LEVEL GOALS

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| # | GOAL DESCRIPTION   |
|---|--|
| 0 | Learn the appropriate technology and services to create our app                                  |
| 1 | Develop a queue and allow users to add songs through Spotify                                     |
| 2 | Users can use a web app to affect the queue and hosts can use the web app to moderate the party. |
| 3 | Allow users to efficiently save information and create accounts                                  |

## USER STORIES FOR RELEASE

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### Sprint Zero

| # | USER STORY  | SP |
|---|---|----|
| 1 | As a developer, I want to learn node.js and express.js so that I can allow our server to complete tasks                         | 8  |
| 2 | As a developer, I want to learn endpoints so that I can send and receive information between users, the server, and other APIs. | 5  |
| 3 | As a developer, I want to learn HTML, JS, and CSS so that I can make an aesthetically pleasing while still easy to use website. | 13 |
| 4 | As a developer, I want to learn the Spotify API so that I can use Spotify's library for our service.                            | 5  |

## Sprint One

|   |  |    |
|---|--|----|
| 1 | As a developer, I want to create a queue system so that there is always music playing.   | 3  |
| 2 | As a developer, I want to be able to get a host's spotify authentication so that I can access songs on spotify.                                  | 3  |
| 3 | As a party goer, I want the addition of music to be integrated with spotify so that I do not have to spend large amounts of time finding a song. | 13 |
| 4 | As a user, I want to be able to search for songs so that I can find music I like.  | 5  |
| 5 | As a user, I want to be able to add songs from my search so that my music gets played.   | 2  |

## Sprint Two

|   |   |    |
|---|---|----|
| 1 | As a party host, I want my guests to be able to select the music using a web application so that they don't complain.         | 8  |
| 2 | As a party goer, I want to be able to select the music at a party so that I can listen to music that I enjoy.                 | 8  |
| 3 | As a listener, I want to be able to approve and disapprove of music, so that the music is good.                               | 3  |
| 4 | As a party host, I want to moderate (restrict, regulate) the people connecting to my party so that random people do not join. | 13 |

## Sprint Three

|   |   |   |
|---|---|---|
| 1 | As a host, I want my guests to have anonymity so that they feel free while using the app and not pressured socially to like or dislike certain songs. | 2 |
| 2 | As a developer, I want users to be able to create temporary accounts so that people are willing to contribute to the music selection.                 | 8 |

|   |  |   |
|---|--|---|
| 3 | As a developer, I want to be able to create separate accounts so that multiple people can use my app.                                  | 8 |
| 4 | As a party host, I want to be able to save the played music to a spotify playlist so that I can use that information at another party. | 3 |
| 5 | As a developer, I want to maximise work done <u>off</u> the server so that I can reduce strain on our website.                         | 5 |

## PRODUCT BACKLOG

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Higher Level Goal: Integrate other music services

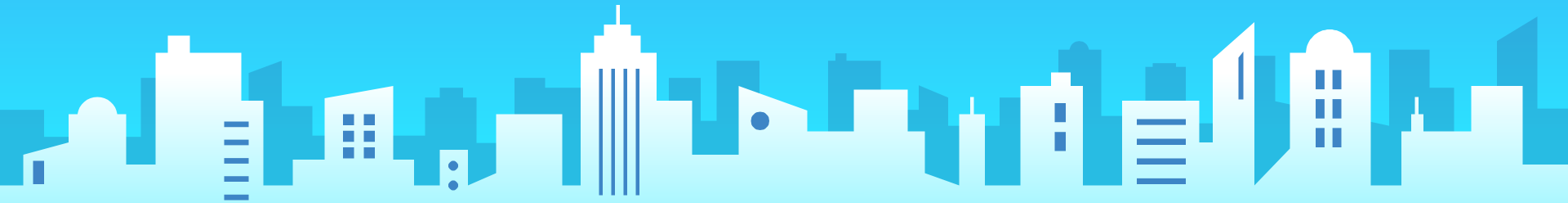
|   |   |    |
|---|---|----|
| 1 | As a user, I want to be able to use SoundCloud to pick songs to widen the range of music I can select.                      | 21 |
| 2 | As a developer, I want users to be able to connect with Apple Music to increase the amount of people that can use the app   | 21 |
| 3 | As a user, I want to be able to queue songs from different music services to increase the total number of songs I can queue | 13 |

Higher Level Goal: Create an app for our website

|   |   |    |
|---|---|----|
| 1 | As a user, I want to be able to quickly open and use the program on my Apple device   | 34 |
| 2 | As a user, I want to be able to quickly open and use the program on my Android device | 34 |

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## PROJECT RELEASE PLAN



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TEAM NAME

Team Q

TEAM MEMBERS

Kristopher Rollert [product owner]

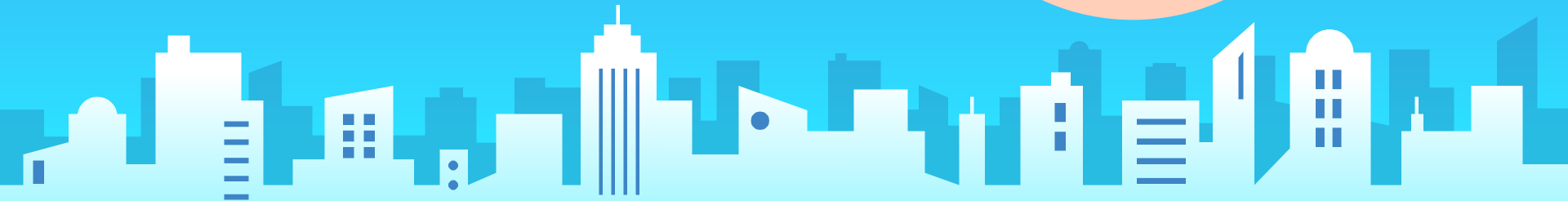
Kai Schniederger [scrum master]

Michelle Slaughter

Lorenzo Yabut



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## PROBLEM

At parties, people always argue over what to play, and who has control over the speaker. We want to make it quick and easy to add songs to a queue, ordered on likes and dislikes.

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## HIGHER LEVEL GOALS (HLG) :

0. Learn the appropriate technology and services to create our app
1. Develop a queue and allow users to add songs through Spotify
2. Users can use a web app to affect the queue and hosts can use the web app to moderate the party.
3. Allow users to efficiently save post-party information and create accounts

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## SPRINT ONE

**HLG** : Develop a queue and allow users to add songs through Spotify

1. As a developer, I want to create a queue system so that there is always music playing.
2. As a developer, I want to be able to get a host's spotify authentication so that I can access songs on spotify.
3. As a party goer, I want the addition of music to be integrated with Spotify so that I do not have to spend large amount of time finding a song.
4. As a user, I want to be able to search for songs so that I can find music I like.
5. As a user, I want to be able to add songs from my search so that my music gets played.



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## SPRINT TWO

**HLG** : Users can use a web app to affect the queue and hosts can use the web app to moderate the party.

1. As a party host, I want my guests to be able to select the music using a web application so that they don't complain.
2. As a party goer, I want to be able to select the music at a party so that I can listen to music that I enjoy.
3. As a listener, I want to be able to approve and disapprove of music, so that the music is good.
4. As a party host, I want to moderate (restrict, regulate) the people connecting to my party so that random people do not join.

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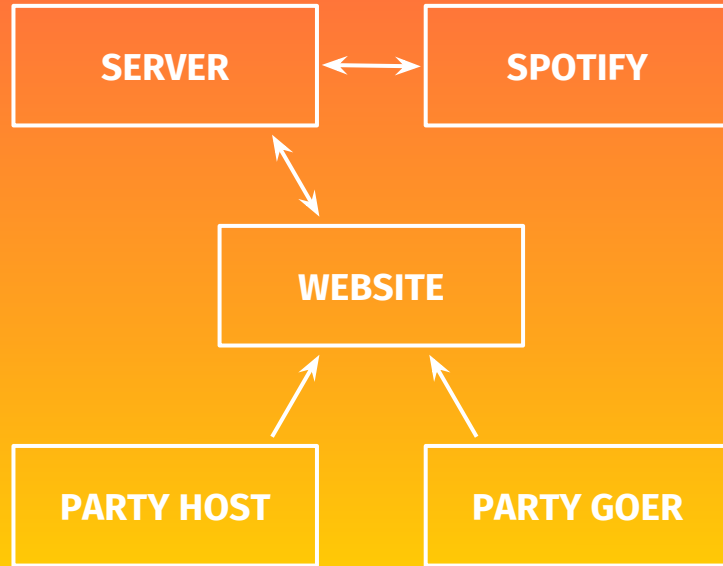
7

## SPRINT THREE

**HLG** : Allow users to efficiently save information and create accounts

1. As a host, I want my guests to have anonymity so that they feel free while using the app and not pressured socially to like or dislike certain songs.
2. As a developer, I want users to be able to create temporary accounts so that more people to contribute to the music selection.
3. As a developer, I want to be able to create separate accounts so that multiple people can use my app.
4. As a party host, I want to be able to save the played music to a spotify playlist so that I can use that information at another party.
5. As a developer, I want to maximise work done off the server so that I can reduce strain on our website.

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## WEBSITE

Takes input from users and sends and receives information from the server

## SERVER

Saves to database, interprets/returns information from the website, and sends data queries to Spotify

## SPOTIFY

Returns data from server queries

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## CHALLENGES

- Learning JavaScript and server side programming
- Setting up a responsive web application server

## RISKS

- Integrating Spotify and our queueing system
- Playing songs through spotify



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## LANGUAGES

- Javascript (ES6)
  - ES6
  - Node.js
  - Express
  - Angularjs
- HTML / CSS
- MongoDB

## TECHNOLOGIES

- Github
- Spotify API
- Google Cloud API



# Thanks for Listening!

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