



ToppeR

# Team D Overview

- The objective of our Web Application is too allow a wide variety of people to access reviews on songs that they might be interested in, then leave both quantitative and qualitative reviews for other users to read and interpret.
- Our application will allow the user to save their favourite songs to a private list which can be accessed via user authentication. Following this the user will be able share their favourite songs with friends.
- In addition, we will implement a Album suggestion feature that find similar songs that the user maybe hasn't heard.
- Users will be able to see the most popular albums on the website via a view count

# User Persona #1



Marshall, a 33 year old engineer in the city, enjoys listening to Opera's and Classical themed music when on the subway to work. However he finds the genre to be quite secluded in the world of music and difficult to find new and exciting pieces he might enjoy. He wishes there was an application that would help him find similar music to the ones he currently enjoys. In his free time Marshall also likes to sing and produce his own music. He wants to use an application that would allow him to share his music with like minded people and spread recognition about his music.

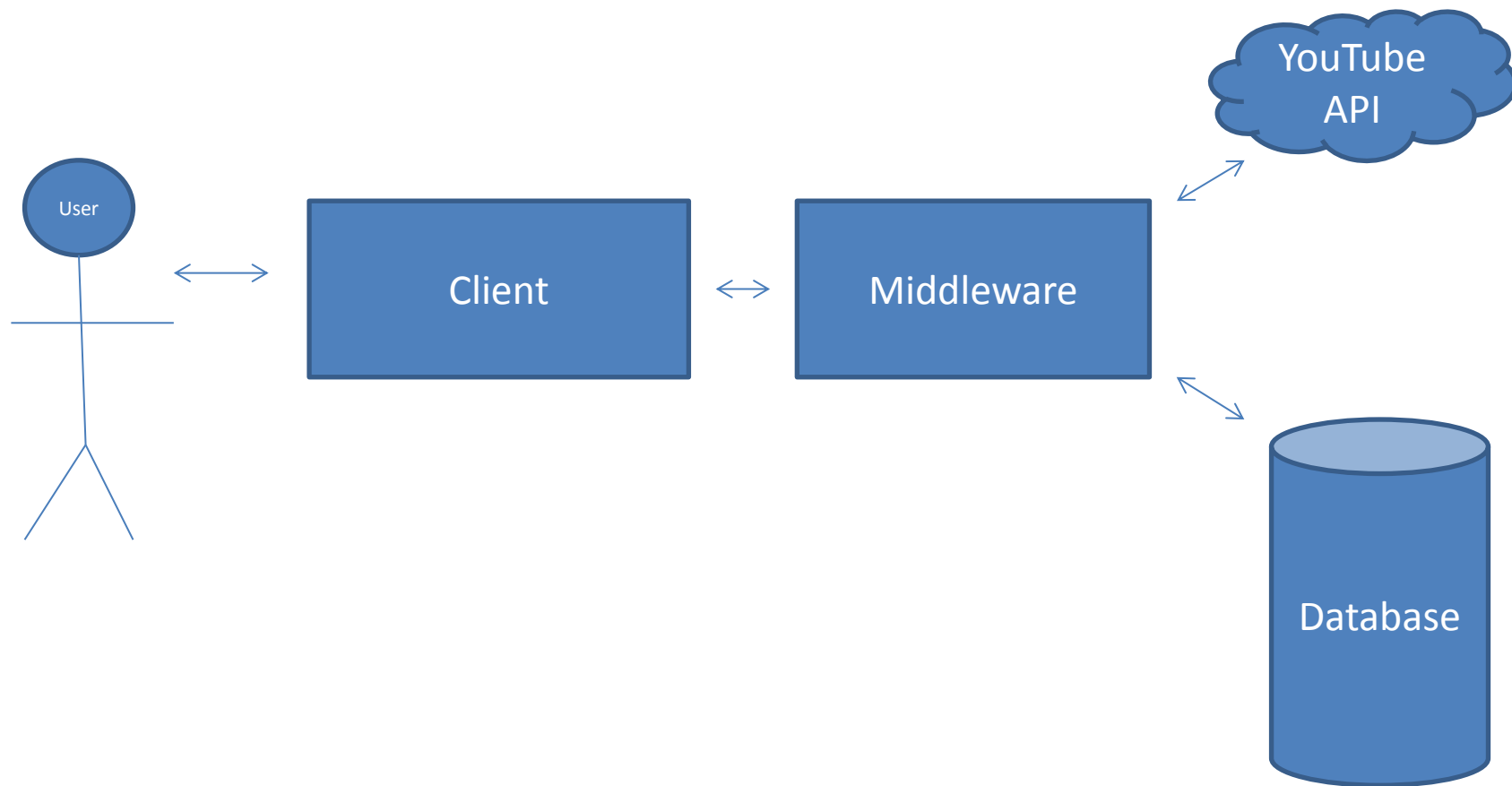
# User Persona #2



Stacy is a retired banker, her guilty pleasure is Rock music. Her friends aren't into the same genre of music and so she rarely hears of the new songs coming out. She also has a poor memory as she is suffering from age-onset dementia and cannot remember her favourite songs very well. So having a list of her favourite songs saved on her profile will help him remember. Using the website she can find new music to satisfy her taste and even share with her friends.

# Requirements

- User must be able to login and logout.
- User must be able to edit details in their account as well as delete it.
- User must be able to save a song to favourite songs list.
- User must be able to watch or listen to the song via a YouTube API.
- User must be able rate and review songs.
- User must be able to search for favourite genre of music.
- User should be able to make their favourite songs list private or public.
- User must be able to add songs they may have produced into their private accounts.
- User should be able to see which album they reviewed last





[Login](#)  
[Register](#)

Top Albums

Genres

Top Reviewers



New Album Release Feed:  
Human - Rag'N'Bone Man



## Recently Viewed Albums



The 1975



Beyoncé



Drake

[Top Albums](#)[Genres](#)[Top Reviewers](#)[Create A  
Review](#)

## Human - Rag'N'Bone Man



Average Rating:  
4.7 / 5



Reviews: 56  
Released: 2017  
Genre: Soul/Blues  
Length: 38:13  
No. of Songs: 12  
Label: Columbia



### Recent Reviews

JCMartin87 - 4/5



Great vibe but a little slow at times. Spotify and chill with an attitude. Would recommend to anyone.

Johnjohnjoe - 2/5



Unpopular opinion but this album fails to get off the ground. A few good tunes save this from disaster.

anonymous - 4/5



Pretty good

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## February 2017: Top 5 Reviewers



shadymarshallx



Power of the Dollar - 50 Cent 1/5

1 of the wurst albums ive evr heard wud give it 0 stars if i cud



StacyBrennan



Nightmare - Avenged Sevenfold 5/5

Not the type of music I'd usually listen to but this was very enjoyable



anonymous



Human - Rag'N'Bone Man 4/5

Pretty good





Reviews: 7  
Years Active: 1  
Favourite Genre: Rock

[Add Album](#)  
[Settings](#)  
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StacyBrennan



Top Albums

Genres

Top Reviewers

Last Review:  
Nightmare - Avenged Sevenfold



Favourite Albums:



Avenged Sevenfold

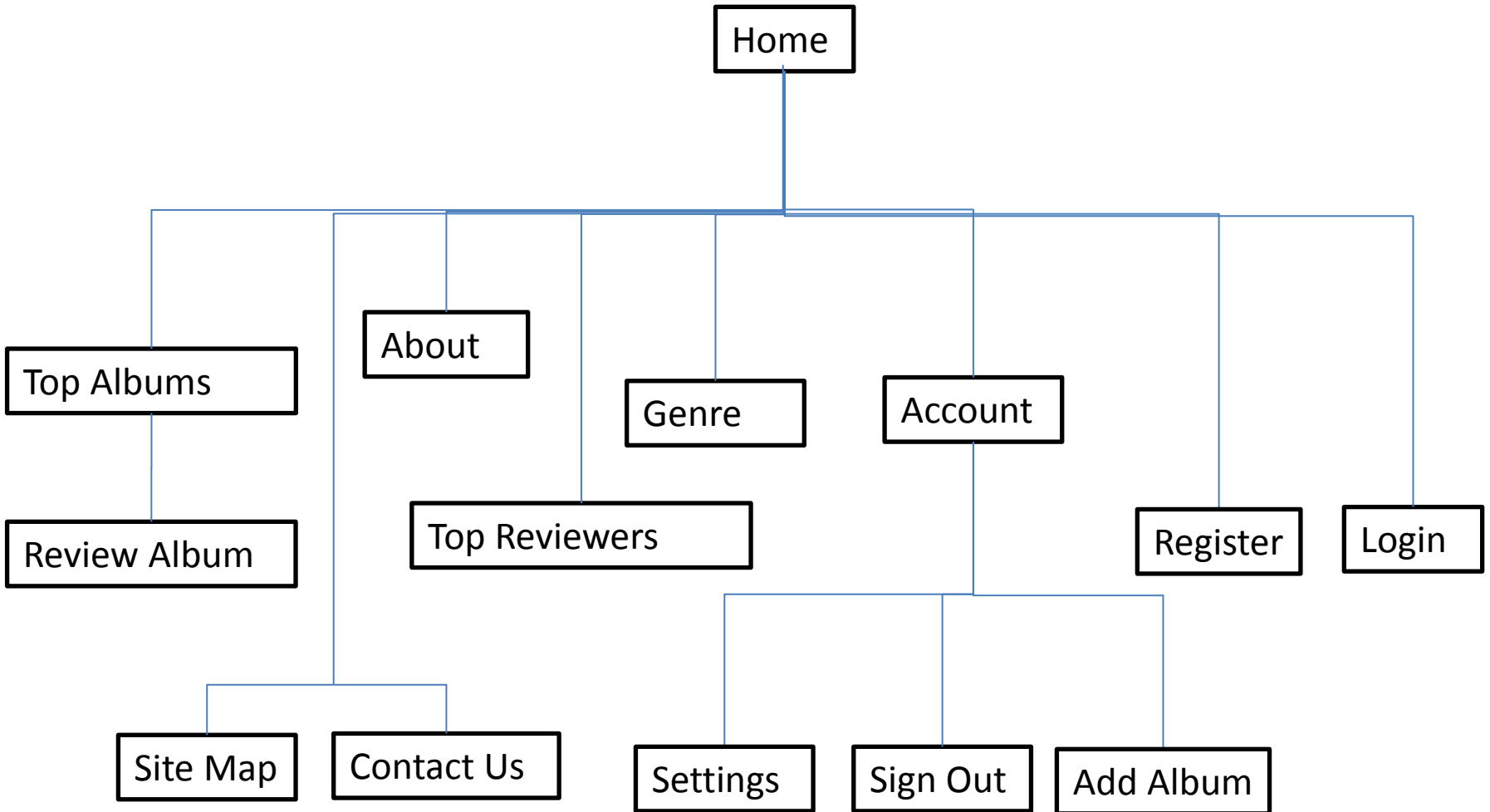


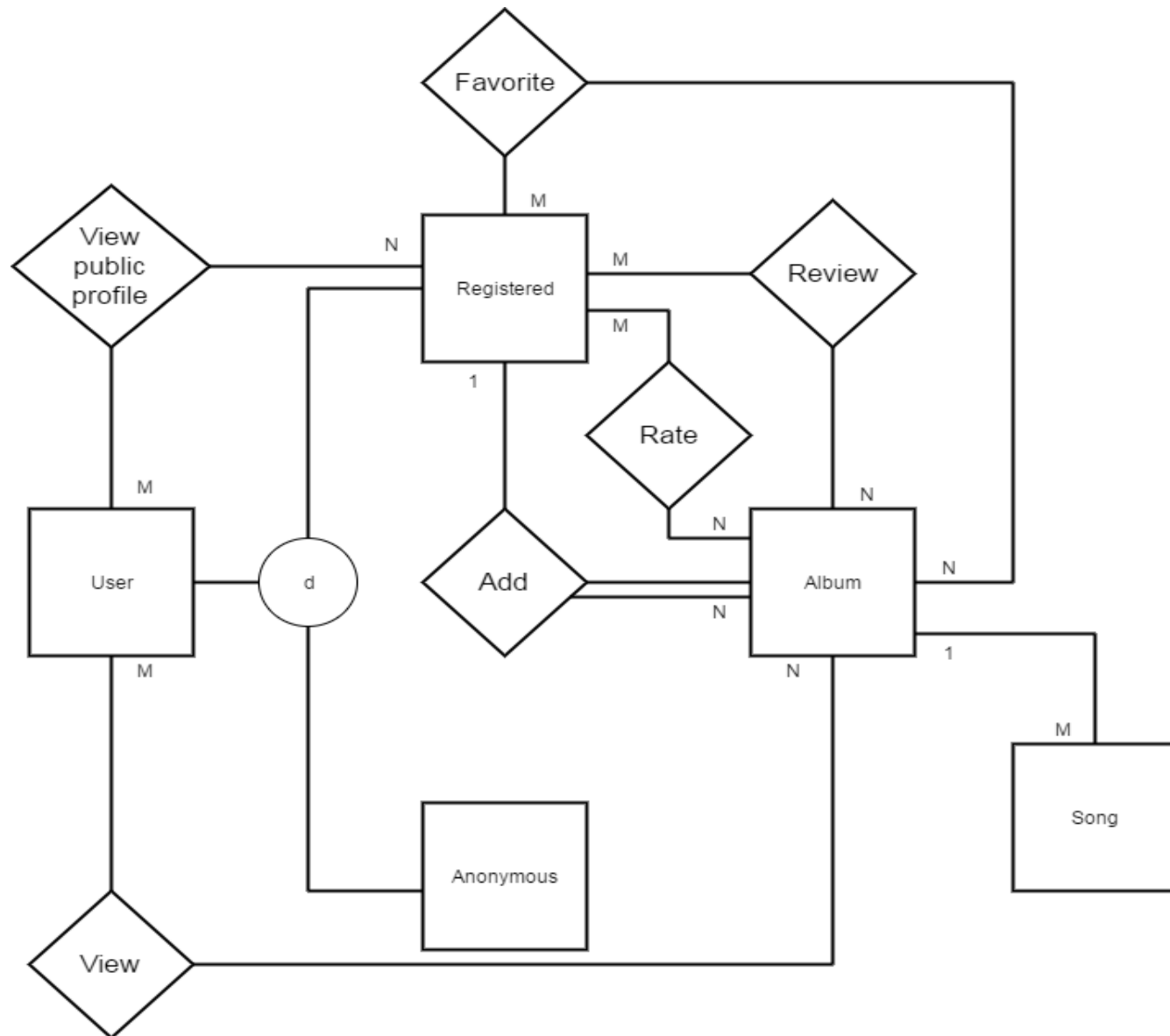
The Offspring



Linkin Park

# Walkthrough





Registered	
Field	Type
User-ID	Integer
Username	Char (16)
Password	Char (16)
First-name	Char (128)
Last-name	Char (128)
Email	Char (128)

Album	
Field	Type
ID	Integer
Name	Char (128)
Artist	Char (128)
Length	Integer
Rating	Double

Song	
Field	Type
ID	Integer
Name	Char (128)
Artist	Char (128)
Length	Integer
Rating	Double

Registered – Rate (relationship)	
Field	Type
Rating	Double