



Rate My Demo

# RATE MY DEMO

Sofa-King Good team

Gabriele Rossi  
Ross McDicken  
Ragnar Rahuoja  
Martin Crean  
Vanessa Banks

“This made me wanna kick a cat for no reason”

-Hitman47HD

Wats da name of teh song?

“I no that no one will prob read this... but I'm a 16  
year rapper n if u checkout my channel for once I  
will prove to u that I worth it.....”

- SomeKid222

- Duty169

“FAAAAAAAAAKEEEEEEEE!”

- YoMAMA

“I live in the remote nation of Canada. What's  
streaming music”, and this Spotify thing?”

- Matt\*\*\*\*\*

# Our Goals

- ❖ Providing a platform for **unsigned artists** to be noticed.
- ❖ Providing a **spam free** music sharing platform.
- ❖ Moving **away from a big label influence**.
- ❖ Putting the **music first** and moving away from a “big names only” scenario.

# Unique Selling Points

- ❖ **Distilled** but **improved** experience. Our strength is in the **effectiveness of its simplicity**.
- ❖ Tracks are displayed **randomly**. We **level the playing field**.
- ❖ Spam **free**. Bias **free**. Simply music, for **free**.
- ❖ Targeted towards **unsigned artists**.

# User Personas



## John McAdam - Amateur musician

### General Description

- John is a 30 year old father, who plays acoustic guitar in the style of Jeff Buckley and Elliott Smith.
- He occasionally plays open-mic nights, and would like his music to reach a wider audience. However, his time is limited by his work and family commitments.

### Key Functions

- Writes music
- Has recorded music before informally
- Has a full-time job
- Plays with other musicians on occasion
- Spends most weekends looking after his kids

### Critical needs

- Ability to connect with new fans/music industry
- Listen to music by other amateur musicians
- Feedback on his demos

### Opportunities to improve user experience

- Hassle-free music upload system
- Simple, fast interface
- Quick and clear feedback

# Wireframes

## Home page

Login button

Register button

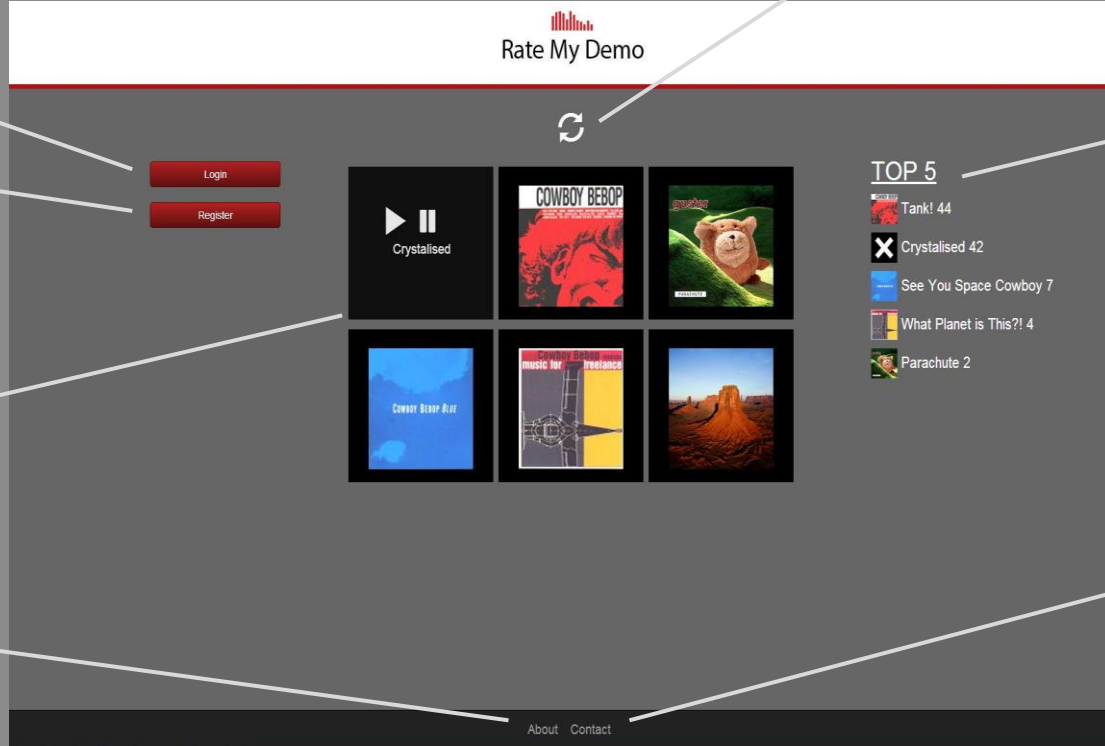
6 random demos

About page link

Randomizer button

Daily Top 5  
demos

Contact page link



# Wireframes

## Login page

User name and  
password



Rate My Demo

Username

Password

[Login](#)

Login button

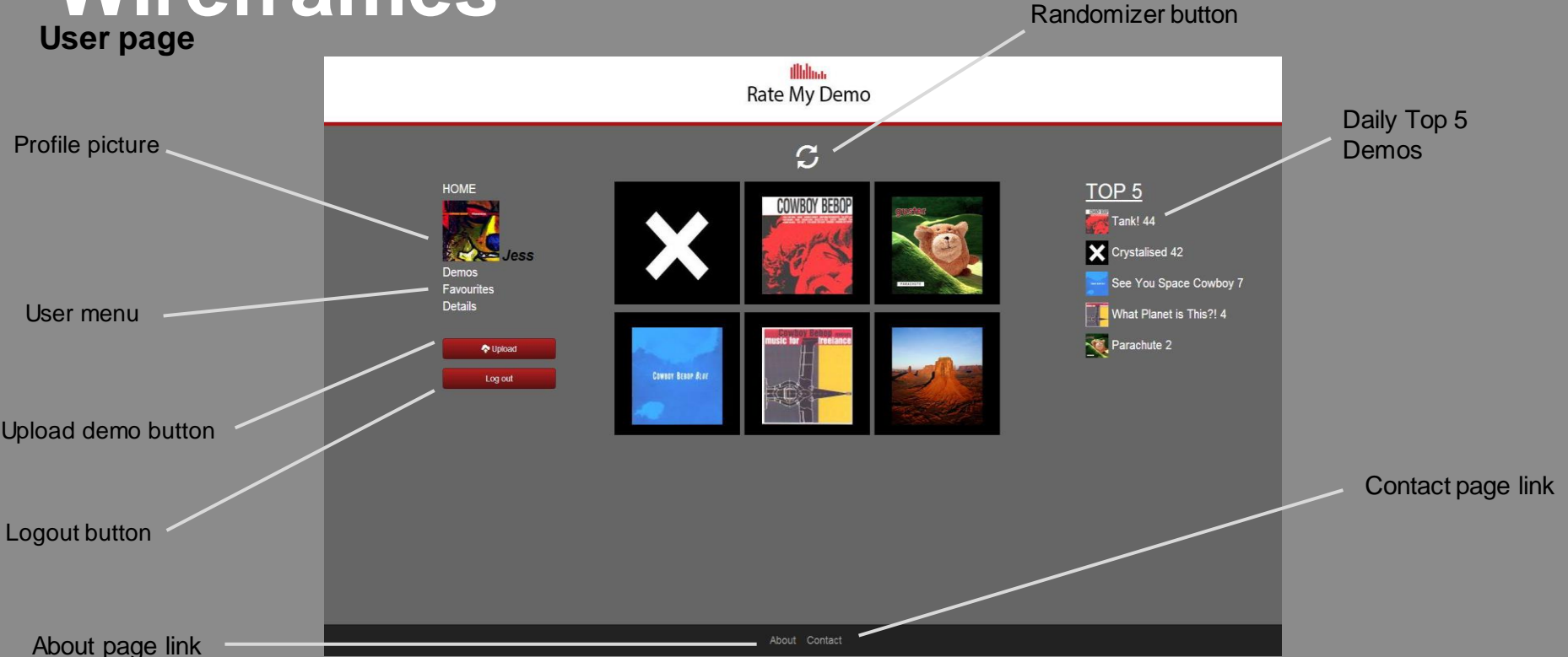
About page link

[About](#) [Contact](#)

Contact page link

# Wireframes

## User page





# Wireframes


## Register page

Profile type  
selection

User register form  
including  
username, password,  
email & location

Preferred  
genre/mood  
selection

About page link

  
Rate My Demo

Choose a profile type

Artist ▾

Jess

\*\*\*\*\*

Jess1990@gmail.com

UK

Choose a genre/mood

Chillout ▾

Choose a profile picture

Choose File Desert.jpg

Register

Home

Profile picture  
selection

Register button

Home page  
button

Contact page link

About Contact

# Wireframes

## Favourites

Profile picture

User menu

Upload button

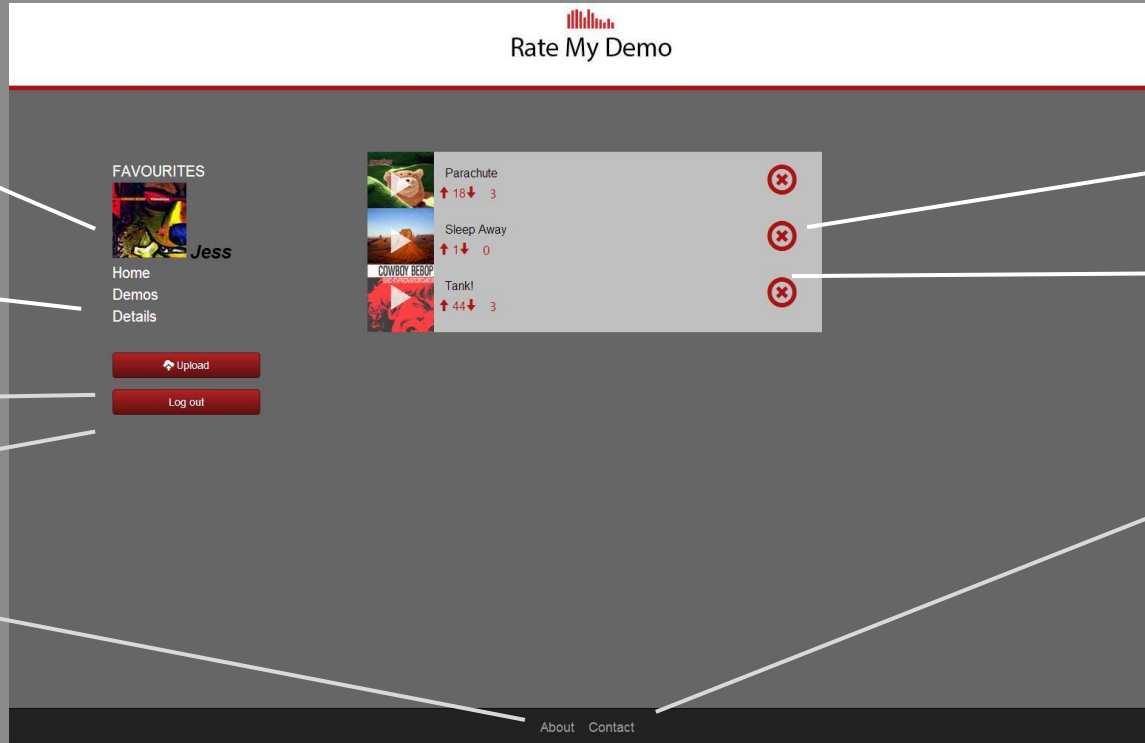
Log out button

About page button

Favourite demos

Delete button

Contact page button



# Wireframes

## Demo Managing

Profile picture

User menu

Upload button

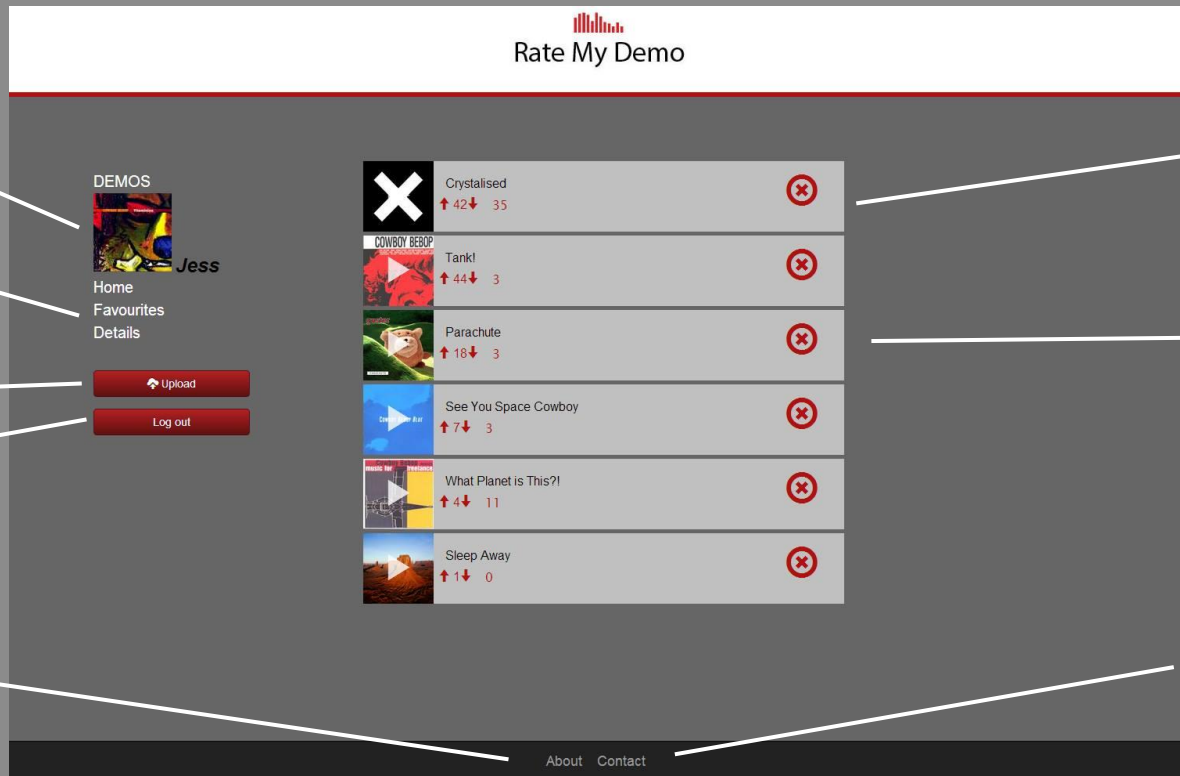
Logout button

About page link

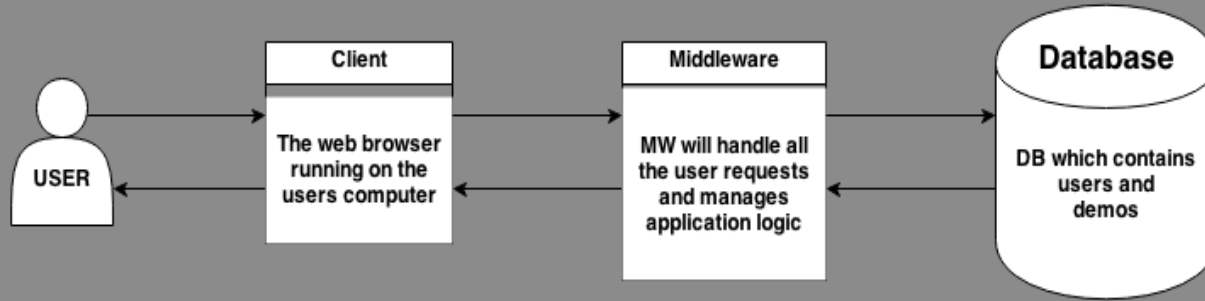
Uploaded demos  
with up/down votes

Delete button

Contact page link



# System Architecture

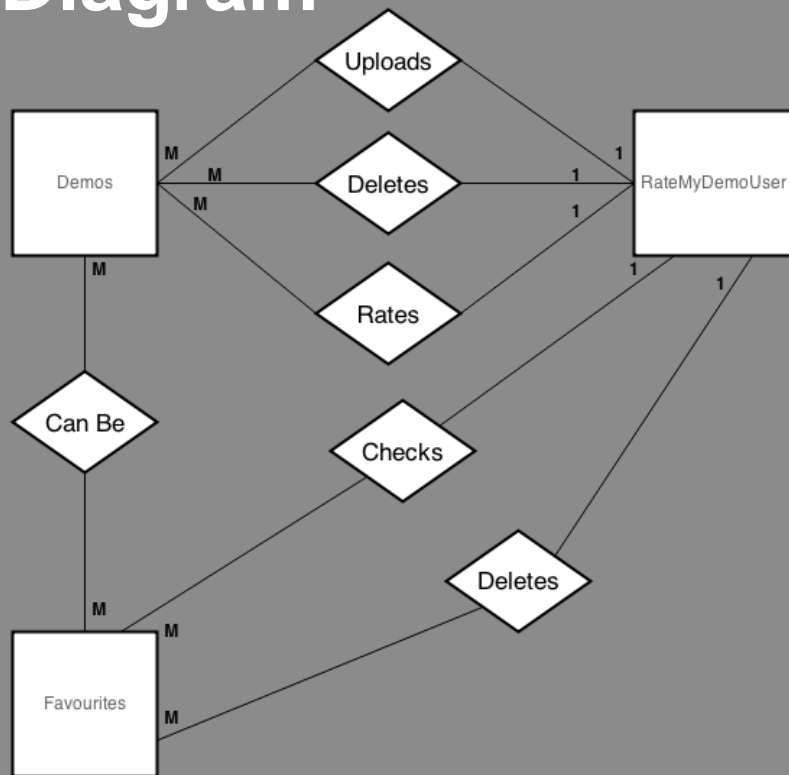


- ❖ USER attempts to access the website through the client on his/her computer in order to listen to a demo
- ❖ The user request will then be submitted to the middleware via the client, which will then access the database, where the demos are stored
- ❖ Once the demo is located, its returned to the user to be listen to on the client

## Technologies used

- Audio JS - HTML5 player for listening to demos
- JQuery for the dashboard layout
- CSS for component placement
- SQLite for database queries

# ER Diagram



Demos
+ demoFile[FileField]
+ genre[CharField 128]
+ title[CharField 128]
+ thumbnail[ImageField]
+ user[RateMyDemoUser] <b>FK</b>
+ voteup[IntegerField]
+ votedown[IntegerField]

RateMyDemoUser
+ user[OneToOneField]
+ thumbnail[ImageField]
+ genre[CharField 128]
+ location[CharField 128]
+ usertype[CharField 100]

Favourites
+ demo[Demo] <b>FK</b>
+ user[RateMyDemoUser] <b>FK</b>

# System Specifications (MoSCoW)

## MUST

- The system will allow the creation of user accounts. ✓
- The system will allow the creation of artist accounts. ✓
- The system will allow logins with valid login details. ✓
- The system will allow artists to upload demo tracks. ✓
- The system will allow artists to delete demo tracks. ✓
- The system will allow music demos to be played. ✓
- The system will generate randomised track lists from stored demo tracks ✓
- The system will present users with randomised track list on launch. ✓
- The system will allow up voting/down voting of demo tracks. ✓
- The system will only allow users to vote once for each demo trackX.
- The system will track the daily top 5 ranked demo tracks (changed requirements from daily to all time)
- The system will allow users to add tracks to a favourites list. ✓
- The system will allow users to listen to tracks in their favourite list. ✓
- The system will allow artists to view rankings of their tracks at any time. ✓
- The system will allow users to see track rankings only after they vote.  
(changed requirements to allow all users to view)

## SHOULD

- The system should be able to create a new randomised track list when randomise button is pressed. ✓
- The system should allow users to view an artist's profile page. ✗
- The system will display all artists' tracks on their profile page. ✓
- The system should provide artist contact information on request. ✗

## COULD

- System could allow random track list creation with limited search parameters ( track length, genre) ✗
- System could track session playlist allowing users to re-listen to any song played in a single session. (Erased on exit) ✗
- System could only allow users to vote after minimal listening time (2mins of song). ✗

# System Specifications (MoSCoW)

## WON'T

- The System will not allow users to follow artists. ✓
- The system will not have an internal messaging system. ✓
- The system will not implement commenting. ✓

# User Personas



## Elizabeth Keller - Music fan

### General Description

- Elizabeth is a 20 year old girl who is passionate about music.
- She regularly attends local gigs, and loves discovering new music but often finds it difficult.
- Elizabeth has a wide-ranging taste in music.

### Key Functions

- Listens to music
- Listens to a variety of genres
- Likes discovering/supporting unknown bands
- Spends a lot of time on the internet

### Critical Needs

- Has to provide a variety of music
- The ability to rate tracks
- The ability to save favourites
- The ability to see the top-rated bands of the day

### Opportunities to improve user experience

- Attractive website design
- Easy-to-use interface
- No spam

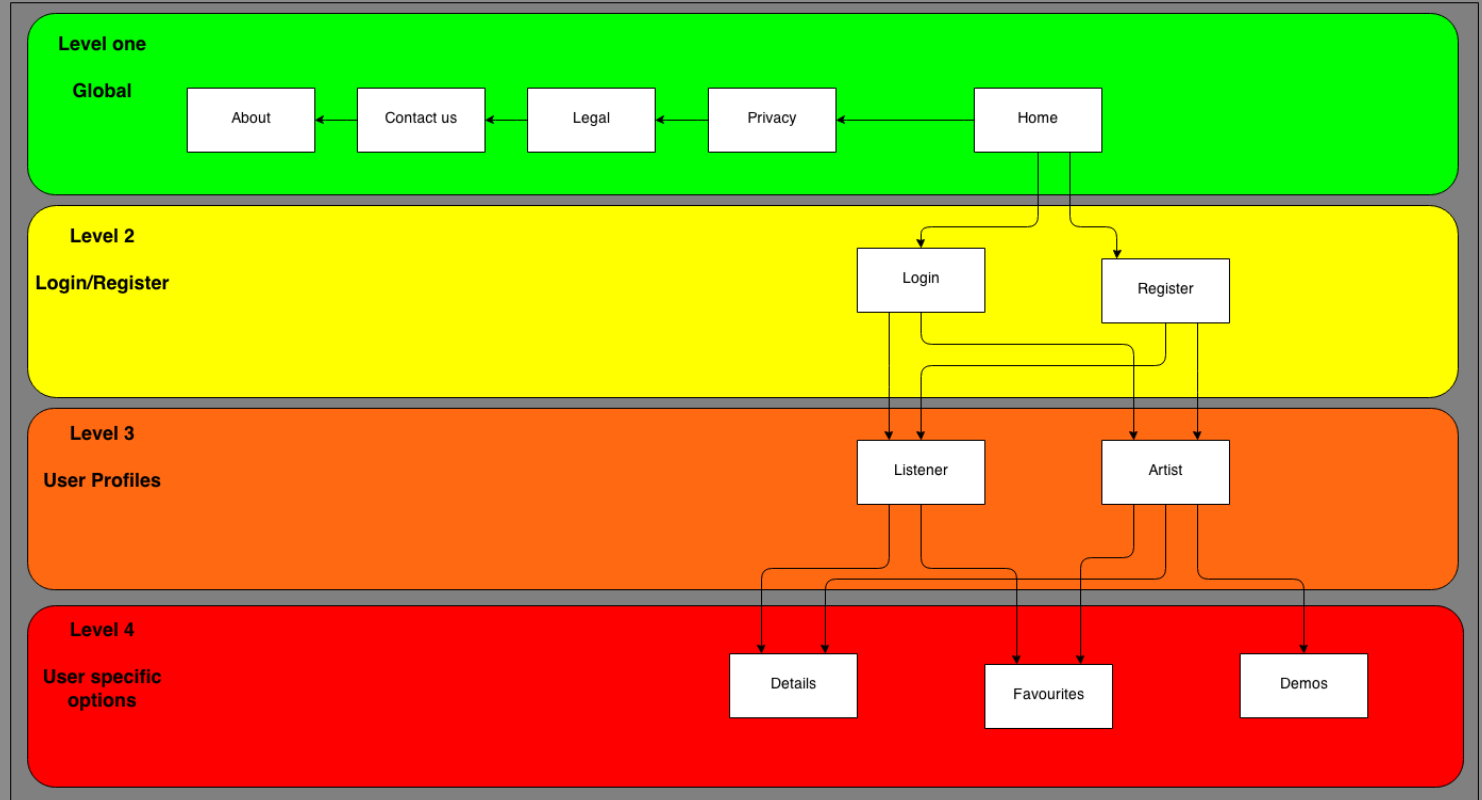


# User Needs Matrix

User Groups and Roles >		Group 1: Creators	Group 2: Listeners	
I want to...	Overall Project Priority	Musicians	Fans	Industry Personnel
Upload/share music	5 Y	N	N	
Vote music up/down	5 Y	Y	Y	
Listen to music	5 Y	Y	Y	
Add music to favourites	3 Y	Y	Y	
Contact artists via email	5 N	N	Y	
Create/edit profile	4 Y	Y	Y	
Delete demos/favourites	3 Y	N/Y	N/Y	
Use randomiser for more music	5 Y	Y	Y	
View/listen to daily top 5	4 Y	Y	Y	

This diagram displays the needs of the users of the system. The importance of each task is graded out of 5 to give clarity to the reader.

# Sitemap



# URL Design

- ❖ [www.ratemydemo.pythonanywhere.com/Rate\\_my\\_Demo/](http://www.ratemydemo.pythonanywhere.com/Rate_my_Demo/)
- ❖ [www.ratemydemo.pythonanywhere.com/login\\_page/](http://www.ratemydemo.pythonanywhere.com/login_page/)
- ❖ [www.ratemydemo.pythonanywhere.com/register\\_page/](http://www.ratemydemo.pythonanywhere.com/register_page/)
- ❖ [www.ratemydemo.pythonanywhere.com/artist/](http://www.ratemydemo.pythonanywhere.com/artist/)
- ❖ [www.ratemydemo.pythonanywhere.com/demos/](http://www.ratemydemo.pythonanywhere.com/demos/)
- ❖ [www.ratemydemo.pythonanywhere.com/favourites/](http://www.ratemydemo.pythonanywhere.com/favourites/)
- ❖ [www.ratemydemo.pythonanywhere.com/user\\_details/](http://www.ratemydemo.pythonanywhere.com/user_details/)
- ❖ [www.ratemydemo.pythonanywhere.com/demos/](http://www.ratemydemo.pythonanywhere.com/demos/)
- ❖ [www.ratemydemo.pythonanywhere.com/listener/](http://www.ratemydemo.pythonanywhere.com/listener/)
- ❖ [www.ratemydemo.pythonanywhere.com/listener\\_favourites/](http://www.ratemydemo.pythonanywhere.com/listener_favourites/)
- ❖ [www.ratemydemo.pythonanywhere.com/about\\_page/](http://www.ratemydemo.pythonanywhere.com/about_page/)
- ❖ [www.ratemydemo.pythonanywhere.com/contact/](http://www.ratemydemo.pythonanywhere.com/contact/)