

WAD2 - Design Specification - Imgag

Team C:

Petr Sramek, Archit Gupta, Daniel Šmolík, Andrew McNab

Overview:

Imgag is quite possibly the greatest image sharing website ever conceived. It's users may share images and videos, and rate them according to their greatness. By using an ingenious algorithm ($\text{score} = \text{upvotes} - \text{downvotes}$) we can assure our users they will only see the BEST images and videos from across the world.

In the unlikely event our algorithm does not show the best images possible, we also offer categories, so Imgag's users may see exactly what they desire.

Users are incentivised to upload incredible images indefinitely, as they will see their score increase as people rate their uploaded images.

User personas:

Pyotr

Age 19

Occupation Student

Location Russia

Archetype Memer

Key Functions

- Look at memes instead of doing work.
- Someday become the meme lord.

Critical Needs

- Dank memes, not cat photos
- Non-PC culture

Opportunities to improve UX

- Memes for days
- Relevant categories for the user
- Ability to rate and comment according to satisfaction needs.



Bio

Pyotr is a university student who loves to procrastinate and waste time on social media looking at memes but is not able to find the satisfaction due to an increase in number of emotional and "cute animal posts" the sites are offering. He wishes to find something better than 9gag or imgur where he can rate on pictures and add his very valuable yet supportive criticism of "git gud scrub" if the memes are not up to his standards.

Dimitri

Age 32

Occupation IT Specialist

Location Russia

Archetype Attention Seeker

Key Functions

- Admire himself
- Seek attention
- Slav squatting

Critical Needs

- Getting attention from people looking at his photos
- Sharing all of his photos and getting more attention
- Leather coat of squatting

Opportunities to improve UX

- Limitless photo uploads
- Ability to share with people worldwide
- Get ratings and comments for attention



Bio

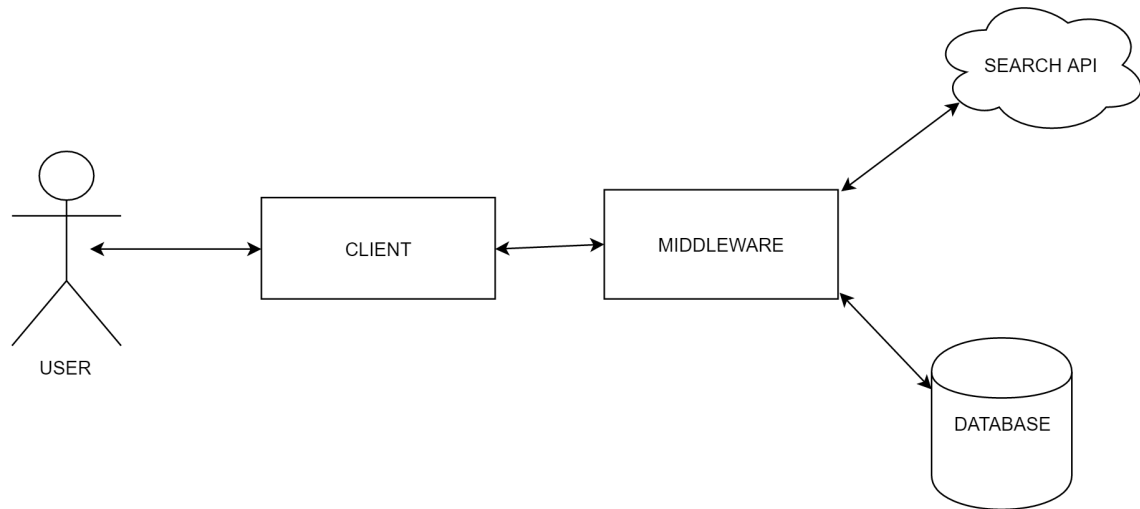
Dimitri is a true Slavic male who has the sole responsibility to handle all the IT work at a local coffee shop. Dimitri only owns Adidas track suits and wears a slavic ring of sobriety. He is very self obsessed and loves to get attention from everyone.

He wants to use a platform where he can upload numerous amounts of pictures of himself in various categories which can be featured on the home page itself but is currently very disappointed by the censorship these websites enforces.

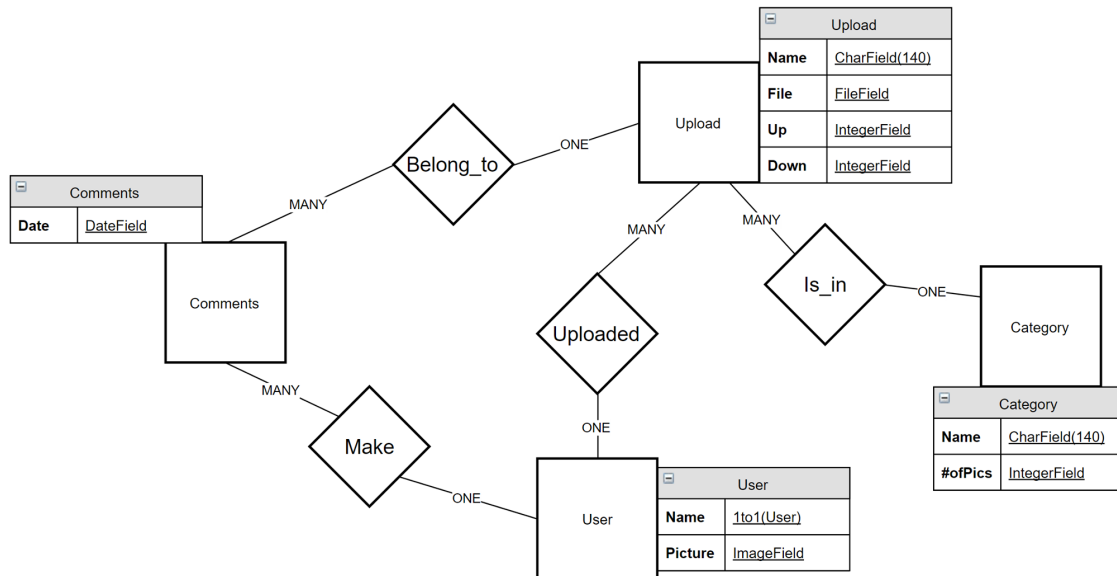
Specification:

- Upload and delete images and videos
- Create and delete accounts
- Personalise account
- Like and dislike image and video posts
- View images
- View categories of images and videos

System Architecture Diagram:



ER Diagram:



Wireframes:

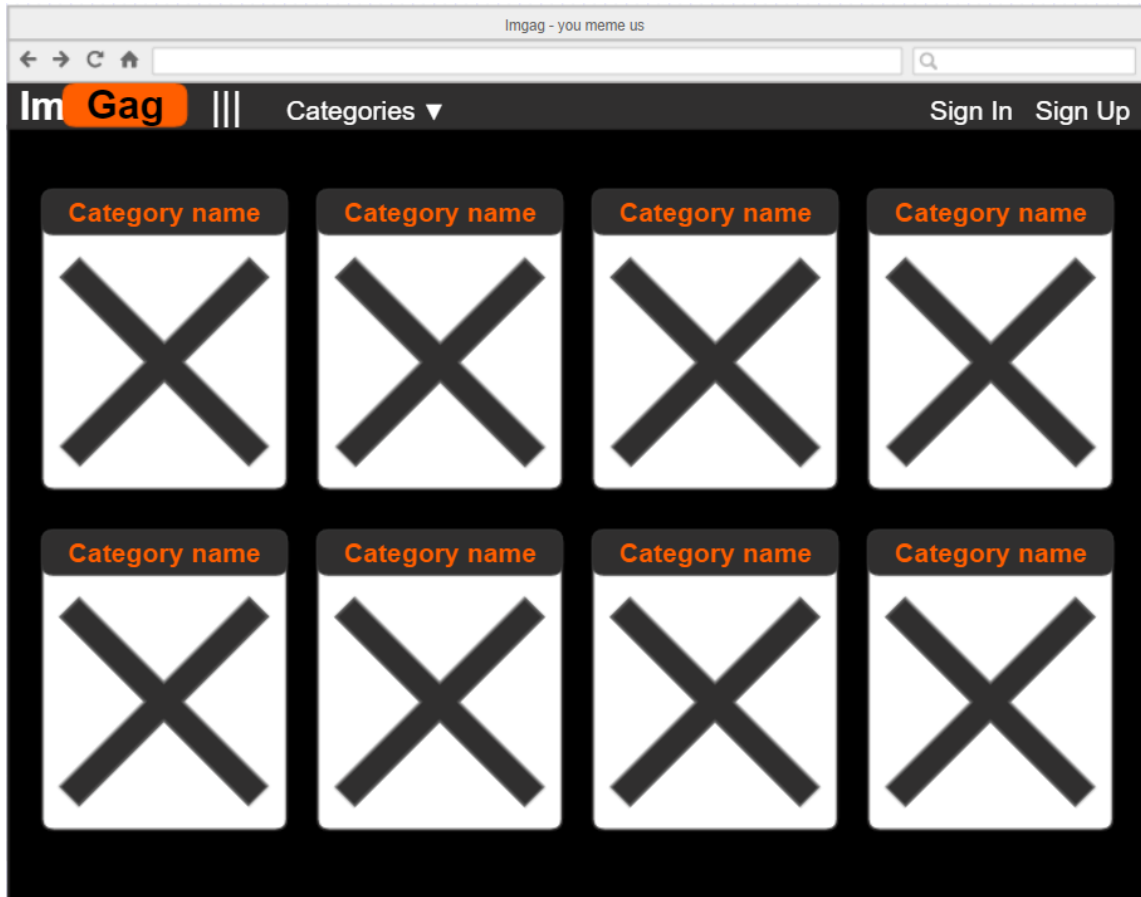


Figure 1: Categories

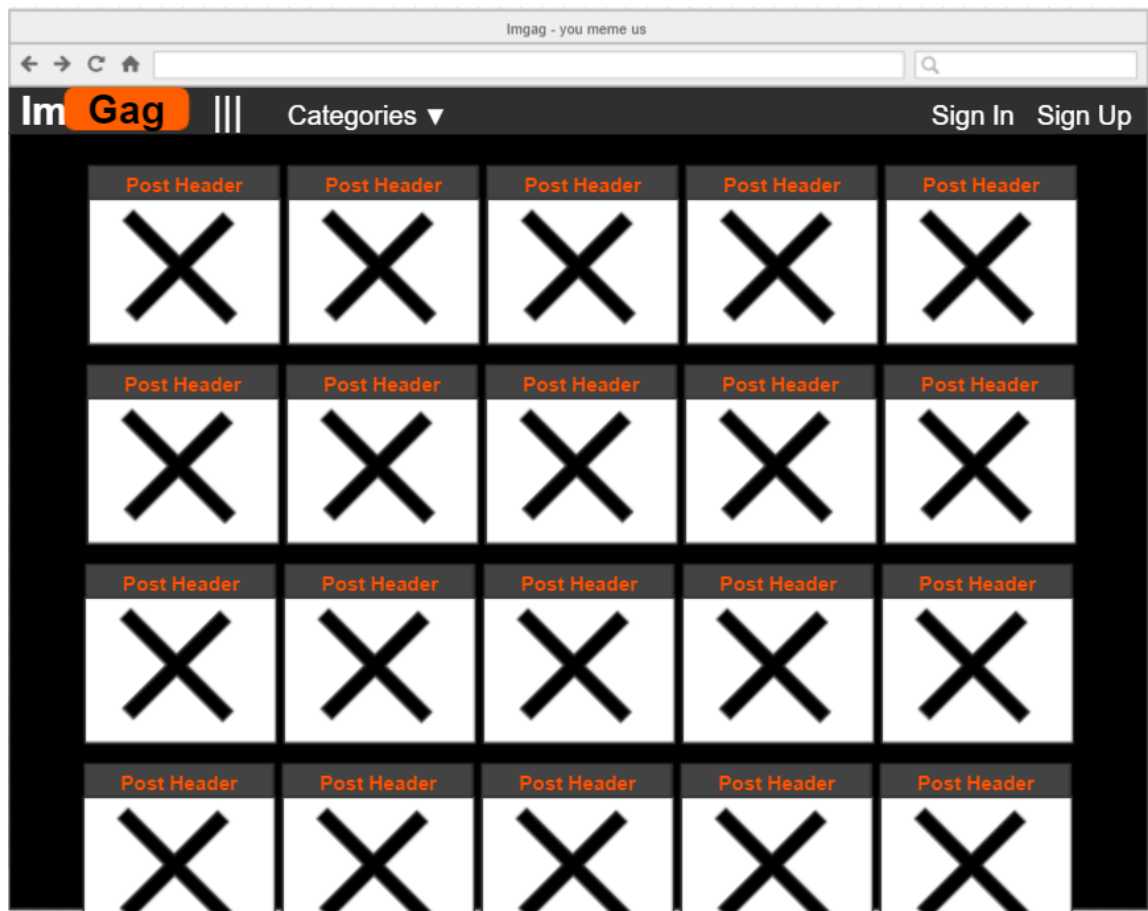


Figure 2: A view of many posts

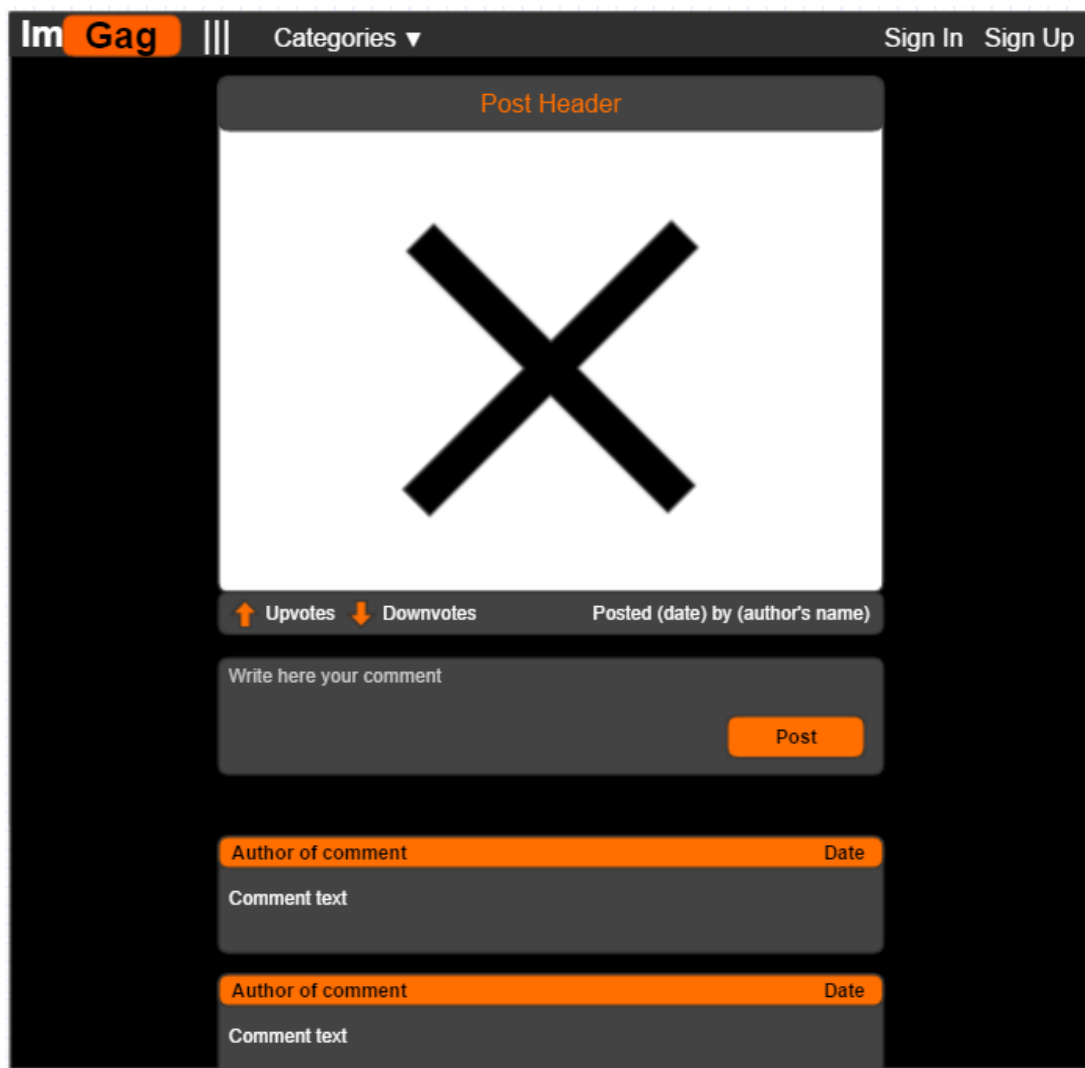


Figure 3: An image post

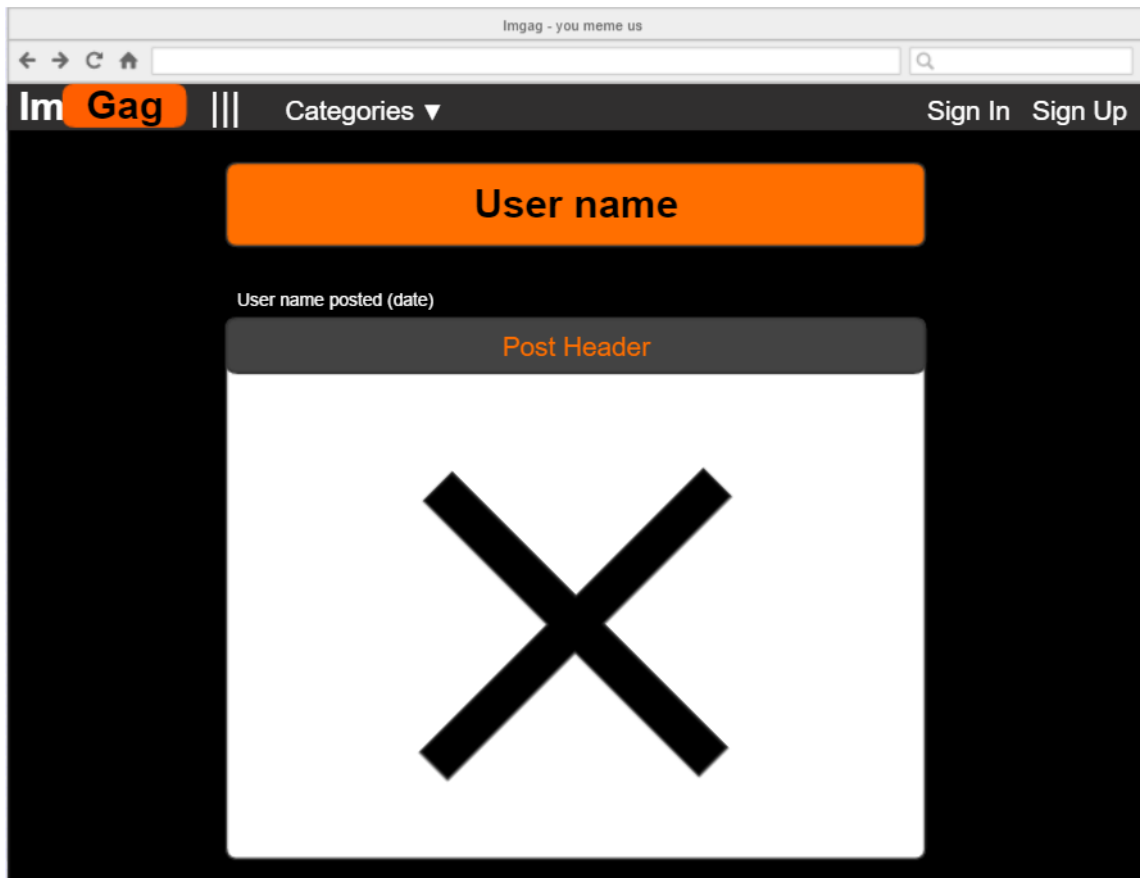


Figure 4: A view of an account

Walkthrough:

URLs:

/

/register/

/login/

/login/reset-password/

/account/

/account/change-password/

/categories/

/categories/<category_name>/

/post/<post_name>/