



Flock

What is Flock?



Social media platform where users can post quacks, reply to quacks, and search for quacks by username.



Why should we use it?



Well, **flocking** is a great way to maintain communication. Such as **sharing ideas** or **identifying problems** that need to be addressed. As a **flock** we are always better off.





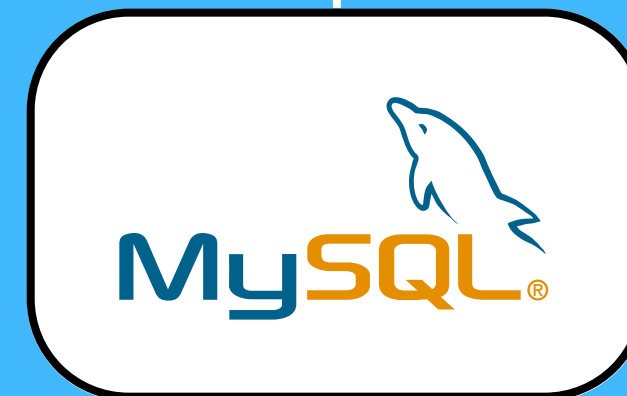
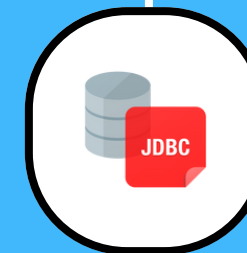
We built the front end with **IntelliJ** using the **Angular Framework**



We built the back end with **Netbeans** using the **Spring Framework**



We connect to the database with **JDBC** and we used **MySQL**

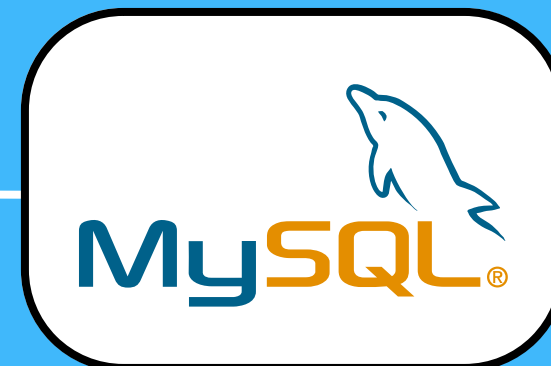


Lets talk about **databases**



Alright so check **this** out..

tweet	
<u>Variable Name</u>	<u>Type</u>
Id (PK)	INT
user_name	VARCHAR(300)
title	TEXT
img	LONGTEXT
date	TEXT



reply	
<u>Variable Name</u>	<u>Type</u>
Id (PK)	INT
tweet_id (FK)	INT
user_name	VARCHAR(300)
title	TEXT
img	LONGTEXT
date	TEXT

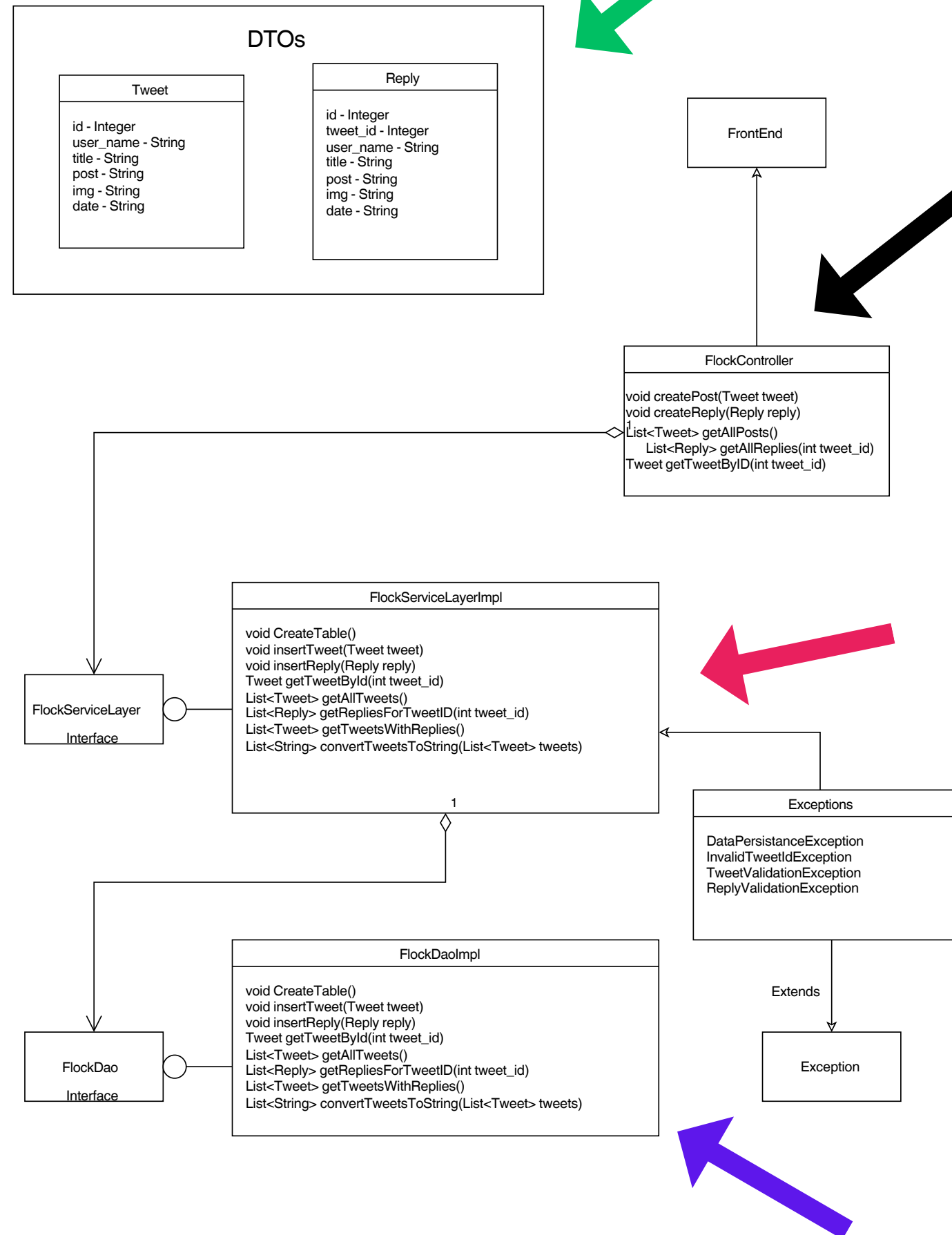


Flock

*How did you structure
the back-end?*



You **may** want to sit down
for this one....





Flock

***Lets talk about the front
end.***



Post Title	
Space for text input	
Choose file...	Current Date&Time Submit

.....

Poster's Name	Post Title
Image	Post text Date&Time of Post

Poster's Name	Post Title
Image	Post text Date&Time of Post

Poster's Name	Post Title
Image	Post text Date&Time of Post

Poster's Name	Post Title
Image	Post text Date&Time of Post

***How much time do YOU
have?***



AWE.. CRUD...



Flock

Create:

insertTweet: Creates a new tweet by inserting it into the database.
insertReply: Creates a new reply for a specific tweet by inserting it into the database

Read:

getAllTweets: Retrieves all tweets from the database.
getTweetById: Retrieves a specific tweet by its ID from the database.
getTweetByUsername: Retrieves all tweets made by a specific user from the database.
getRepliesForTweetId: Retrieves all replies for a specific tweet from the database.
getReplyByUsername: Retrieves all replies made by a specific user from the database

Update:

editTweetById: Updates an existing tweet by its ID with the new content provided.
editReplyById: Updates an existing reply by its ID with the new content provided.

Delete:

deleteTweetById: Deletes a specific tweet by its ID from the database.
deleteReplyById: Deletes a specific reply by its ID from the database.

***Tell me cool stuff that
happened***



Speed

Instant load times for posts and replies without reloading the page.
Instant response time for editing.

Function

Ability to Edit images, replies and posts.
Ability to cancel, a posting or reply resetting the form.
Ability to look up replies and posts by username.
Posting and replies are sorted based on most recent time submitted.
All Posts and replies contain timestamps.
Ability to create an account and log in.
Ability to toggle various forms for better UX experience



Flock

***Tell me** cool stuff...
stuff*



TO-DO LIST

Implement **likes, dislikes**

Build user **profiles**

Add **video** capabilities

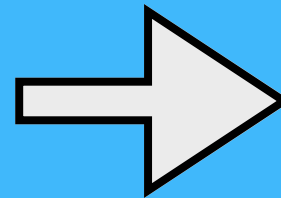
Overhaul UX

Launch **Live** Site

.... and more



Flock



Andrew Wang (Back End Team)



Nicholas Tan (Back End Team)



Deniz Childir (Front End Team)



Jonathan Del Vecchio (Front End Team)

Flock

*Alright time for a...
no.. not that type of..demo*



Flock

