

Twitter Clone

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Description

Our project entails the creation of a twitter clone, named .

Tech Stack

Front end

HTML/CSS, JavaScript for an interactive UI

Back end

Java for more complicated algorithms and Object-Oriented Programming

Database

MySQL to store data persistently

Features

Sign in / Sign up

A person over the minimum age of 13 can register on our platform with an unique username. Once the person has registered, they will be able to login into the website.

Profile

Each user has a customizable profile which includes:

- Custom display name and display photo
- Bio containing short description of the user
- Details including date of birth, location and website
- Date of joining the platform
- Posts liked by the user
- Post history of the user
- List of followers
- List of users being followed

Posts

Users can create posts and can also schedule it at a given time A post can contain:

- Text (upto 280 characters)
- Photos (upto 4 photos)
- Video (upto 140 seconds)
- Gif (upto 1 gif)
- Poll
- Content and spoiler warnings
- Tags and reply permissions

The following actions can be taken on a post:

- Reply
- Repost
- Like
- Share
- Report
- Bookmark

Direct messages

- Accept or deny requests for direct messages
- These messages can also contain media

Feed

- Promoted posts
- Depending on popularity, and users under following
- Suggested to follow
- Mute users from feed

Search

- Search for posts and users
- Results based on hashtags

Settings

- Change password
- Deactivate account
- Change font size
- Switch between dark and light mode
- Notification settings

More

- Block a user
- Admins can ban users having many reports
- Spam protection
- Notifications from replies, tags and likes.