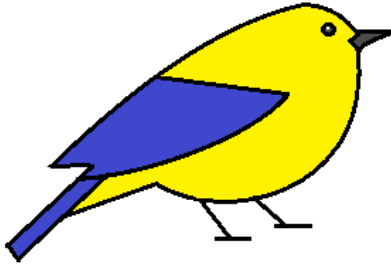


Warbler



SDF Project

Nunsavath Sree Harsha (CS21BTECH11042)

Rajiv Shailesh Chitale (CS21BTECH11051)

Vishal Vijay Devadiga (CS21BTECH11061)

Description

Our project entails the creation of a social media platform called [Warbler](#). It is inspired by Twitter. It allows users to share the ups and downs in their life, like the notes of a singing Warbler. It enables its users to communicate frequently using short posts. Warbler provides interactive features such as likes, retweets, polls etc. It encourages discussion via replies. Our platform allows our users to stay updated with this constantly changing world.

Tech Stack

Front end

HTML/CSS, JavaScript for an interactive Graphical User Interface

Back end

Java for 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
- Each user has a unique username
- Upon registration, users 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/delete posts. Posts can also be scheduled for a given time.

Users can decide who can reply to their post.

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 Hashtags

The following actions can be taken on a post:

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

Direct messages

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

Feed

- Posts on a user's feed depends on their interests
- It also provides suggestions on accounts to follow, based on a user's interests
- There is an option to mute users from the feed
- Brands can advertise themselves using promoted posts

Search

- It is possible to search for posts and users
- Users can search for posts containing a specific hashtag

Settings

Users have the option to:

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

More

- A user can block other users
- Admins can ban users that have been reported many times
- The platform can detect and protect itself from spam
- A user can get notifications from replies, tags and likes