

Tachyon - project for technology web 2022-2023

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0.1 Introduction

Tachyon is a mobile-centered website, where you can create posts, and read posts from your followers.

0.2 Login

- Minimum password length 8 digits
- secured sql-injection with bindParams

0.3 Wow effect and functionalities

0.3.1 Interactions & functionalities

- You can receive recommended posts and of whom you follow.
- You can save the post to watch later
- You can search for any other user
- You can edit your own profile information: username, profile image and biography.
- you can toggle between light and dark light mode
- Like button
- Change password
- E-mail sent after a successful registration

0.3.2 System feature

- You can personalize the color of the web by choosing your favorite, the website will create a triadic color palette
- The use of Axios to update the page dynamically without refreshing everything
- Limit of login times within a certain period
- mobile version of the website
- password saved using its hash
- secure connection with HTTPS (only website)

0.4 Page description

0.4.1 Home Page

Feed

If the user follows someone, the user will see his followings' posts, otherwise, there will be random posts recommended to the user.

Users can interact with the posts by liking them, saving them, and commenting below.

By clicking another user's icon or name, the user can browse other users' profiles, thus entering the profile page.

Send Posts

The user can send comments with text with an optional image.

0.4.2 Search Page

Search bar

The user can search other users' info by entering their usernames in the search bar, then the user can follow and unfollow other users on a particular page.

0.4.3 Profile Page

User profile

The user can set his own profile by clicking the edit profile.

Posts

The user can choose which posts to watch by selecting the post switcher

0.4.4 Setting Page

The user can log in and log out to switch between accounts.

The user can set his favorite web color in the personalized, and eventually toggle the dark/light mode of the web page.

Finally, the user can change his password to get a more secured experience.