Twitter | URL-Book   http://urlbook.ml/

Abstract

The web based application is capable of retrieving and storing twitter links in a database. For example, if you are away on a holiday and you're missing important links that are being posted on twitter, you can now relax and depend on our application to backup and store all the important URL's and links posted by the people you follow on twitter.

Working

1. This web-application recognizes the Twitter API calls and stores it in a database containing the *username, tweet link* and *timestamp (Universal Time zone).*
2. When the application starts, the user is prompted to login with their twitter account.
3. 3-legged Authentication has been used that ask for permissions from twitter when the user pass the homepage with the login button.
4. On the left side of window is the information of user who logged into the application using twitter.
5. The application bookmarks all the URLs and links in the which can be later viewed at the user convenience.
6. Application is smart enough to figure out same URLs and remove redundancy.
7. A search bar is given that searches the complete database with respect to username.
8. Contact button holds the contact details(Resume).
9. A highlighted logout button is provided to safely log you out from the application.
10. Application is highly robust, new features can be added or removed easily to this application. Besides , edge cases are tested on this application.
11. The application is a responsive application. Therefore, it is capable enough to be used as a **cross platform progressive web application** (PWA) on mobile devices.

> ➢ **Steps to use PWA(works best with chrome) .**
   a) Open the homepage of application in browser of your mobile device.
   b) Go to options and touch the **add to homescreen** button.
   c) Go to main menu of phone or the homescreen of device .
   d) Open the icon that has name **URL BOOK**.

Technology Stack

Front-End:

- HTML – To create the basic structure of the web application.
- CSS – To provide styling to the web application.
- JavaScript – To make the application dynamic.
- Bootstrap – To make the site responsive.
- PWA – To convert the web app into a mobile application.

Back-End:

- PHP – Server-side scripting for the API calls.
- Twitter API – To fetch all the recent tweets from the users' twitter feed .
- MySQL – To store and retrieve all the important links and URL's in form of **table.**
- Hosting on GoDaddy – This site is hosted online by hosting the site on GoDaddy and free domain form Freenom.

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