PasteBin

Project Nature: Mini Project Extension

Mini project: PicoShare- URL shortener and PasteBin

Completion Level: Completion 50% of Mini Project

Pastebin is simply an online clipboard service. Clipboard is a data buffer used for short-term data storage or data transfer between documents or applications used by cut, copy and paste operations and provided by the operating system. It is usually implemented as an anonymous, temporary data buffer, sometimes called the paste buffer. Clipboards are usually a must have part in all operating systems.

While Clipboard of an operating system is completely volatile and offline and can only be accessed by/from the same machine, Pastebin is completely platform independent, non-volatile, Universally accessible paste space. Each user can have an account or unique login on the site. User can create a paste on the site. It can be given a name, text highlighting features, passphrase or passcode for security. The paste can be accessed by a unique URL created by the user while on creating the paste. The unique URL is created either by a system unique alphanumeric token or a unique token selected by the user.

The major advantage of this service is that it is globally accessible and Easily shareable.

**Users:** Apart from Admin there are Guest users and Registered users in the application

**Guest users:** Limited features No security

Can create pastes No backup

Limitation for size of paste limited duration

No need for login or registration

**Registered Users:**

Crate paste with custom set duration

Definer type of paste(text/code)

Customize and reuse token

Delete created pastes

Backup pastes, download all pastes as zip

Control visibility of the paste, public or private

Post pastes to public with or without reveling identity

Edit publicly pasted pastes

Encrypted pastes

Protect pastes with passcode or pastes

Upload files up to 10mb

Syntax highlighting

**Details Regarding Mini project:** PicoURL is a URL shortening service which trim the size of any URL. This is implemented by providing a unique token for each URL, and when the call for the token is invoked control is redirected to the original URL.

**Additions to be done:** Have to add security for the shortened URLs. This can be done by integrating ‘Google safe search lookup API’

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