EDITHUB

Submitted for the partial fulfilment of the Degree

of

Bachelor of Technology

(Computer Science)

Submitted By:

Amitoj Singh

1410955

Submitted to:

Prof. Parminder Singh

Department of Computer Science

Guru Nanak Dev Engineering College

Ludhiana 141006.

Abstract

EditHub is easy to use for beginners and highly powerful editor for advanced users. It comes with syntax highlighting for many languages including PHP, JavaScript, HTML, and CSS. It comes with a very intuitive user interface that makes it super easy to browse files and work on projects. Instead of first cloning or downloading the files, updating the code for bug fix issues, etc. and then pushing it back to your github account, it does all this work in one-go. Once authenticated, you can upload files either from your local machine or via your GitHub account.

After uploading the files, you can open a specific project and view all the files simultaneously in different tabs. The beginner friendly interface has a black screen that supports distraction free editing mode. The turbolinks make the navigation quick, smooth and easy.

This feature-rich editor provides lightweight fuzzy-search library, highlight matching parenthesis and live syntax checker. It provides GitHub omni Authentication, save and push support. It has a drag and drop text using the mouse. It makes it really tough to write a messy code due to its auto-indentation feature. The line-wrapping and code-folding enhance the readability of the code. It enables you to see the preview update of your HTML documents live in a different browser window. This compact editor can handle large files upto the size of 4 million lines.

Acknowledgement

I am highly grateful to the Dr. M.S. Saini , Director, Guru Nanak Dev Engineering College (GNDEC), Ludhiana, for providing this opportunity to carry out the major project work at Ishwerdas.

The constant guidance and encouragement received from Prof. Parminder Singh, H.O.D. Cse Department, GNDEC Ludhiana has been of great help in carrying out the project work and is acknowledged with reverential thanks.

I would like to express a deep sense of gratitude and thanks profusely to Inderpreet Singh, for without his wise counsel and able guidance, it would have been impossible to complete the project in this manner.

I express gratitude to other faculty members of Computer Department of GNDEC for their intellectual support throughout the course of this work.

Finally, I am indebted to all who have contributed in this report work.

Amitoj Singh

Table of content

List of figures

List of tables