Website Locker Firefox Extension

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Abstract- **Website locker is an extension specifically designed for Firefox browser. By using this extension, the users can lock the specific website and for unlocking the website the users have to enter the password. It improves the privacy and security of the users and enhancing. the productivity. The primary objective of our website locker is to empower users to regain control over their online habits and enhance productivity by locking distracting websites.**

INTRODUCTION

Maintaining online privacy and productivity may be difficult in the digital era, as our lives are increasingly entwined with the internet Fortunately, the Website Locker Firefox extension offers a comprehensive answer Website Locker is a must-have tool for all Firefox users, with a sophisticated collection of features meant to protect your privacy and increase attention Website Locker gives consumers the ability to regulate their online experience by banning access to potentially distracting or hazardous websites You may easily block out sites that deplete your productivity or offer security issues with a personalized blacklist This function is very valuable for students, professionals, and anybody looking to better manage their time Do you have concerns about internet trackers and data collection? Website Locker features strong privacy settings to keep your personal information safe from prying eyes The plugin adds an extra layer of privacy by blocking specific websites from tracking your browser behavior and restricting third-party cookies, lowering the likelihood of targeted adverts and data leaks Maintaining concentration in a world full with digital temptations is a difficult effort In such cases, Website Locker's Focused Work Mode might be a game changer It allows you to temporarily block all non- essential websites, providing a productive and immersive work atmosphere. Your privacy is always protected online thanks to this extra security layer. Our browser extension has been painstakingly created after much time and work, with the goal of offering an unmatched degree of protection for internet browsing.

OBJECTIVES

1. Enhance Productivity :The extension's main goal is to help users boost their productivity by allowing them to block access to time-wasting websites during work or study sessions.

2. User-Friendly Interface: To guarantee that users of various non-technical backgrounds can explore and setup the extension with ease, we will place a high priority on creating a user-friendly and straightforward interface.

3. Security and Privacy: Data security and user privacy will be given first priority in this expansion. Sensitive data or the system's integrity shouldn't be jeopardized.

By achieving these objectives, our Website Blocker Firefox Extension aims to provide users with an effective, user-friendly, and secure tool for managing their online distractions and ultimately boosting their productivity and focus.
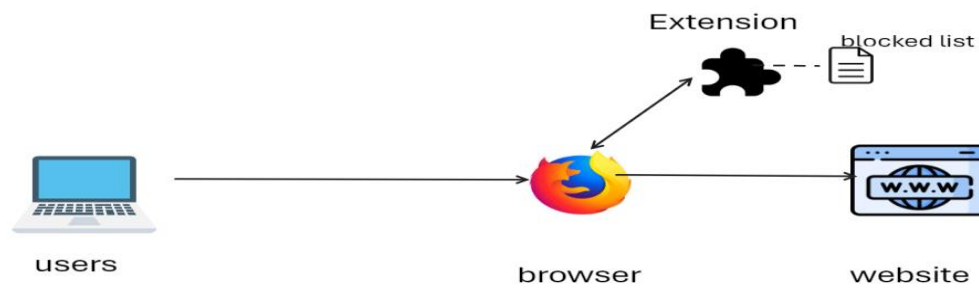
DESIGN AND IMPLEMENTATION
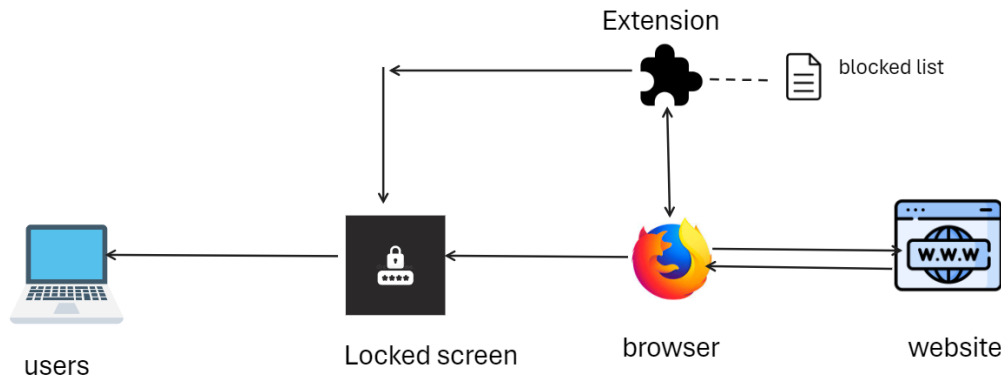

Fig:1.1 Design of Website Locker

Fig1.2 Represents the Design if the website is locked by users.

METHODOLOGY

Manifest file: Specify the basic information about extension that include version ,permission and browser action . Indicate which background script will handle the logic for locking the website and blocking access.

Popup HTML: The popup that will appear when the users click on the extension icon for unlocking the website .

Popup CSS: Add styles to popup page making it colorful and attractive.

Background Script: Define the logic for restricting access and lock down to a particular website.

CONCLUSION

The Website Locker Firefox extension offers a robust solution for users seeking to enhance their online productivity and security. By providing a single-page interface for managing and organizing websites, it simplifies the online experience. Its key features, such as password protection and customizable blocklists, ensure that users can maintain focus and control over their browsing activities. In today's digital age, distractions abound, making it increasingly challenging to concentrate on tasks that matter. The Website Locker extension addresses this issue by allowing users to lock themselves out of distracting websites during specific time intervals. This feature proves invaluable for individuals seeking to boost productivity and regain control over their online habits.

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