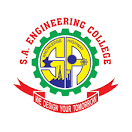
** **

**WEBSITE BLOCKER AND UNBLOCKER AS A STANDLONE APPLICATION**

**A MINI PROJECT REPORT**

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# BONAFIDE CERTIFICATE

# Certified that this project report ……….Website Blocker and Unblocker Application as a Standalone Application…………….. is the bonafide work of ……Justus Kevin T (111919104052) , Praveen G (111919104098) , Ramanan K (111919104108)…...………… who carried out the mini project work under my supervision.

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**ABSTRACT**

Website Blocker/Unblocker is an application tool that denies and permits access to websites permanently to use the internet safely .The local administrator can block all the website as they need via this application. If required , the local administrator can also unblock all those blocked websites through this same application.With the help of the this application the unwanted or distracting websites can be blocked by the local administrator in a particular local device or work station. This application can work on OS like windows, mac and linux. Only the ones who is an administrator for that particular system or workstation can use this application with full authority. This is mainly deployed as a service for parental control purposes, and for regulating the access to web content by users connected to the networks of enterprises, libraries, schools, etc. The blocking approach used in this project does not cause unintended consequences to third parties. This application is based on URL-based blocking , a very popular blocking method that can be used both on the individual computer, or in a network device between the computer and the rest of the Internet. URL blocking is generally considered to be very effective at identifying content that may be on different servers or services because the URL doesn’t change even if the server changes IP addresses. The URL filter can simply stop the traffic, or it can redirect the user to another web page, showing a policy statement or noting that the traffic was blocked. URL blocking works with web-based applications, and is not used for blocking non-web applications. URL blocking in the network can be enforced by proxies, as well as firewalls and routers.

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**LIST OF ABBREVIATIONS**

|  |  |
| --- | --- |
| **ABBREVIATIONS** | **ABBREVIATED FORM** |
| GUI | Graphical User Interface |
| UAT | User Acceptance Testing |
| UI | User Interface |
| DNS | Domain Name System |
| JS | JavaScript |
| WWW | World Wide Web |
| IP | Internet Protocol |
| ICT | Information and Communication Technology |
| OS | Operating System |
| ISOC | Internet Society |
| URL | Uniform Resource Locator |
| MSN | Microsoft Network |
| FCM | Fuzzy C- Means |
| UML | Unified Modeling Language |
| RFC | Remote Function Call |
| AUT | Application Under Test |
| XPath | XML Path Language |
| VoIP | Voice over Internet Protocol |
| UHD | Ultra High Definition |
| TB | TeraByte |
| MFM | Multi strategy Filtering Model |
| GDI | Graphics Driver Interface |
| GPU | Graphical Processing Unit |
| HTTP | Hyper Text Transfer Protocol |
| GHz | GigaHertz |
| TLS | Transport Layer Security |
| SSL | Secure Sockets Layer |
| EU | European Union |