**DAYANANDA SAGAR UNIVERSITY**

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**SCHOOL OF ENGINEERING**

**DAYANANDA SAGAR UNIVERSITY**

**KUDLU GATE**

**BANGALORE - 560068**

****

**MINI PROJECT REPORT**

***ON***

**CYBERPUNK SHELL**

**Operating Systems Laboratory(20CS3506)**

**5th SEMESTER**

**BACHELOR OF TECHNOLOGY**

***IN***

**COMPUTER SCIENCE & ENGINEERING**

***Submitted by***

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**CERTIFICATE**

***This is to certify that Mr./Ms. bearing USN***

***has satisfactorily completed his/her Mini Project as prescribed by the University for the semester B.Tech. programme in Computer Science & Engineering during the year at the School of Engineering, Dayananda Sagar University., Bangalore.***

Date:

Signature of the faculty in-charge

|  |  |
| --- | --- |
| Max Marks | Marks Obtained |
|  |  |

Signature of Chairman

Department of Computer Science & Engineering

**DECLARATION**

We hereby declare that the work presented in this mini project entitled - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ , has been carried out by us and it has not been submitted for the award of any degree, diploma or the mini project of any other college or university.

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**ABSTRACT**

A terminal-oriented computer system that is to serve a variety of different terminal types can achieve the economy of statistical sharing of its access lines and can best take advantage of each terminal type, if it can fully identify the terminal type and speed at the time of terminal approach to the system. A shell is a user interface for access to an operating system’s services. Most often the user interacts with the shell using a command-line interface (CLI). There are several shells that are widely used, such as the Bourne-Again shell (bash) and Z shell (zsh). Each shell has its own feature set and intricacies regarding how commands are interpreted, but they all feature input and output redirection, variables, and condition-testing, among other things. The shell forms the layer between the user and the kernel so the user can enter commands. The kernel 'understands' only binary language, which is composed exclusively of ones and zeros. In early computing, any instructions/commands from the users were entered in binary language, but this evolved so that the user can enter commands in a more recognizable language. It is the shell that acts as the go-between, accepting the commands entered in the language recognizable by the user, and translating them to binary language for the kernel.

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**Mini Project Report- Document Format**

**The students must follow the following standards & formats for SRS submission.**

|  |  |
| --- | --- |
| Report: | Spiral bound |
| Margins: | Top: 2.54, Bottom: 2.54, Left: 3.81, Right: 2.54 |
| Orientation: | Portrait |
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