21162101012, 21162101005, 21162101009
Yash L, Prarthi, Dhruvi
SE Practical 1
Project : Cowbot_v4

Domain Analysis :

32.8 Million Desktop Linux users resulting in 2.09% of Desktop OS market share, near to 2.18% of that of Chrome OS

Linux OS is leading Server Market after Windows at share of 13.6%

All those users are our target audience

System Analysis :

Platform used : Garuda Linux version-'Talon' (Arch Linux x64 based)

Environment used :
➢ Arch Linux official Zen kernel : linux-zen (v6.1.4-zen2-1-zen)
➢ Python v3.11.1
➢ MariaDB-v15-distribution-10.9.4 (MySQL is also compatible but lesses Linux integration compared to MariaDB)

Programming languages used :
➢ Python : For the whole application
➢ SQL : For Database management
➢ Shell : For native integration of Python app with Linux kernel to provide functionalities

Timelines and Tasks :

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