

## DAFTAR ISI

---

|  |      |
|--|------|
| KATA PENGANTAR .....                                   | i    |
| ABSTRAK .....  | iii  |
| ABSTRACT .....   | iv   |
| DAFTAR ISI .....                                       | v    |
| DAFTAR GAMBAR .....                                    | vii  |
| DAFTAR TABEL .....                                     | viii |
| BAB 1 PENDAHULUAN .....                                | 1    |
| 1.1 Latar Belakang .....                               | 1    |
| 1.2 Rumusan Masalah.....                               | 2    |
| 1.3 Tujuan .....                                       | 3    |
| 1.4 Batasan Masalah.....                               | 3    |
| 1.5 Batasan Masalah.....                               | 3    |
| BAB 2 TINJAUAN PUSTAKA DAN DASAR TEORI .....           | 5    |
| 2.1 Tinjauan Pustaka.....                              | 5    |
| 2.2 Dasar Teori.....                                   | 6    |
| 2.2.1 Virtual Machine .....                            | 6    |
| 2.2.2 VirtualBox.....                                  | 7    |
| 2.2.3 Server Nginx .....                               | 7    |
| 2.2.4 Ubuntu Server .....                              | 8    |
| 2.2.5 RTMP (Real Time Messaging Protocol) .....        | 9    |
| 2.2.6 Locust Load Testing.....                         | 9    |
| 2.2.7 VLC Media Player .....                           | 10   |
| 2.2.8 Wireshark.....                                   | 10   |
| 2.2.9 Ip Camera .....                                  | 11   |
| BAB 3 ANALISIS DAN PERANCANGAN.....                    | 13   |
| 3.1 Gambaran Sistem Saat Ini.....                      | 13   |
| 3.2 Identifikasi Kebutuhan Sistem .....                | 13   |
| 3.3 Perancangan Sistem.....                            | 14   |
| 3.4 Kebutuhan Perangkat Keras dan Perangkat Lunak..... | 16   |

|                                       |    |
|---------------------------------------|----|
| BAB 4 IMPLEMENTASI DAN PENGUJIAN..... | 18 |
| 4.1 Implementasi.....                 | 18 |
| 4.2 Pengujian .....                   | 19 |
| 4.2.1 Pengujian Beban.....            | 19 |
| 4.2.2 Pengujian Kecepatan Data .....  | 22 |
| BAB 5 KESIMPULAN .....                | 26 |
| 5.1 Kesimpulan .....                  | 26 |
| 5.2 Saran .....                       | 26 |
| DAFTAR PUSTAKA .....                  | 28 |