**LOG BOOK**

**KERJA PRAKTEK (KP)**



**Judul : Konfigurasi DHCP Server dan Limitasi Penggunaan Aplikasi Youtube Menggunakan Mikrotik Di Perpustakaan Soeman HS Pekanbaru**

**Nama : Settian Dwi Cahaya**

**NIM : 1407110665**

**Pembimbing Lapangan : Joko Nugroho**

**Dosen Pembimbing : Dr. Dahliyusmanto M,ST., M.Sc**

**PROGRAM STUDI TEKNIK INFORMATIKA**

**JURUSAN TEKNIK ELEKTRO**

**UNIVERSITAS RIAU**

**2017**

**DATA - DATA KERJA PRAKTEK**

**Detail Perusahaan:**

Nama : Dinas Perpustakaan dan Kearsipan Provinsi Riau

Alamat : Jl. Jend. Sudirman No.462

No. Telp/Fax : (0761) 26613

Divisi/Departemen : *Network Operation Center* (NOC) Server

Nama Pembimbing : Joko Nugroho

**Detail Tugas/Projek**

Judul : Konfigurasi DHCP Server dan Limit Youtube Menggunakan Mikrotik Di Perpustakaan Soeman HS

Objektif :

* Mengetahui cara penginputan buku baru kedalam database
* Mengetahui cara pemeliharaan server
* Mengetahui perkembangan software yang digunakan
* Cara konfigurasi mikrotik pada server

**Hasil yang diharapkan :**

Periode : 16 Januari 2017 – 10 Februari 2017

Mengetahui,

Pembimbing Lapangan

JOKO NUGROHO

NIP : 196608031992031010

**ABSENSI LOGBOOK**

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| **MINGGU KE 1** | | **TTD PEMBIMBING** |
| **HARI** | **TANGGAL** |
| Senin | 16 januari 2017 |  |
| Selasa | 17 januari 2017 |  |
| Rabu | 18 januari 2017 |  |
| Kamis | 19 januari 2017 |  |
| Jumat | 20 januari 2017 |  |

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| **MINGGU KE 2** | | **TTD PEMBIMBING** |
| **HARI** | **TANGGAL** |
| Senin | 23 januari 2017 |  |
| Selasa | 24 januari 2017 |  |
| Rabu | 25 januari 2017 |  |
| Kamis | 26 januari 2017 |  |
| Jumat | 27 januari 2017 |  |

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| **MINGGU KE 3** | | **TTD PEMBIMBING** |
| **HARI** | **TANGGAL** |
| Senin | 30 januari 2017 |  |
| Selasa | 31 januari 2017 |  |
| Rabu | 1 Februari 2017 |  |
| Kamis | 2 Februari 2017 |  |
| Jumat | 3 Februari 2017 |  |

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| **MINGGU KE 4** | | **TTD PEMBIMBING** |
| **HARI** | **TANGGAL** |
| Senin | 6 Februari 2017 |  |
| Selasa | 7 Februari 2017 |  |
| Rabu | 8 Februari 2017 |  |
| Kamis | 9 Februari 2017 |  |
| Jumat | 10 Februari 2017 |  |

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| **GRANT CHART KEGIATAN KERJA PRAKTEK** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| **AKTIFITAS** | | HARI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 1. | Pengenalan ruang lingkup Perpustakaan Soeman HS |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2. | Diskusi dan sharing antara mahasiswa KP dengan karyawan Perpustakaan Soeman HS |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3. | Pengenalan sistem yang digunakan Perpustakaan Soeman HS |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4. | Mempelajari dan menganalasis system-system yang digunakan |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5. | Menginput buku yang baru masuk kedalam database |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **AKTIFITAS** | | | HARI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 6. | | Mensetting jaringan karyawan yang tidak terkoneksi internet |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7. | | Membersih spam didalam database server |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8. | | Maintence database server |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9. | | Backup data didatabase server untuk upgrade software |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10. | | Membantu installasi jaringan baru |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11. | | Menganalisa topologi jaringan diinstansi |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12. | | Mengkonfigurasi DHCP Server dan Limit Youtube |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **AKTIFITAS** | | | HARI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 13. | | Menginput kembali data backup kedalam server software baru |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14. | | Try and Error Software yang baru diupgrade |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**PROJECT PROGRES**

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| **DISKUSI** | **Komentar Dari Pembimbing Lapangan Dan Tugas Berikutnya** |
| Mengenai masalah pada jaringan komputer karyawan sering terjadinya disconnect, yang mana hal tersebut dikarenakan kesalahan sederhana seperti kabel LAN nya yang tersenggol dan komputer karyawan belum menggunakan IP Dinamic sehingga sering terjadinya petugas IT apabila ada suatu kondisi seperti mati lampu atau komputer restart sendiri.  Dan mengatasi bandwidth yang banyak terpakai oleh penggunaan youtube sehingga jaringan menjadi lambat.  Memberi saran untuk menggunakan DHCP Server agar terjadinya otomatis pemberian IP ke komputer karyawan, sehingga terjadinya efesiensi kerja baik itu komputer karyawan maupun petugas IT nya.  Lalu mengkonfigurasi IP static menjadi dynamic dan konfigurasi limit youtube. |  |
| **PENGESAHAN PEMBIMBING** |
| C:\Users\user\AppData\Local\Microsoft\Windows\INetCache\Content.Word\jojo.png |

**PENILAIAN MINGGUAN PEMBIMBINGAN LAPANGAN**

**Petunjuk bagi dosen pembimbing.**

Penilaian mingguan mahasiswa berdasarkan aktifitas hariannya.

Mohon di ceklis pada kotak yang sesuai.

Skala:

1. Sangat tidak baik 2. Tidak baik 3. Cukup 4. Baik 5. Sangat baik

Tanda Tangan Pembimbing :

Hari/Tanggal :

Komentar :

c,