**TUGAS KELOMPOK**

**SINERGITAS SISTEM KOMPUTER DENGAN REVOLUSI INDUSTRI 4.0**

1. Buatlah (Ketua Kelas sebagai koordinator) satu kelas dibagi menjadi 10 kelompok.

Berdasarkan 10 Komponen utama Revolusi Industri 4.0 yaitu :

- Internet of Think (IoT)

- Cloud Computing

- Big Data

- Augmented Reality

- Cyber Security

- Artificial Intelligence

- Autonomous Robot

- Simulation and Predictive Analytics Models

- Integration System

- Additive Manufacturing

Satu kelompok ambil satu komponen utama (Diskusikan dengan kekeluargaan siapa ambil apa)

1. Tugas berupa LAPORAN ILMIAH yang berisi tentang informasi (Dari 10 komponen utama diatas) berupa :

**- JUDUL**

Panduan Judul :

**SINERGITAS SISTEM KOMPUTER DENGAN REVOLUSI INDUSTRI 4.0**

**(Khususnya pada Bidang …………..)**

**- CHAPTER I - LATAR BELAKANG**

Panduan Latar Belakang :

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Komponen Utama** | **Who** | **How** | **What** | **When** | **Where** | **Why** |
| - Internet of Think (IoT) |  |  |  |  |  |  |
| - Cloud Computing |  |  |  |  |  |  |
| - Big Data |  |  |  |  |  |  |
| - Augmented Reality |  |  |  |  |  |  |
| - Cyber Security |  |  |  |  |  |  |
| - Artificial Intelligence |  |  |  |  |  |  |
| - Autonomous Robot |  |  |  |  |  |  |
| - Simulation and Predictive Analytics Models |  |  |  |  |  |  |
| - Integration System |  |  |  |  |  |  |
| - Additive Manufacturing |  |  |  |  |  |  |

**- CHAPTER II - KAJIAN PUSTAKA**

Panduan Kajian Pustaka

|  |  |  |  |
| --- | --- | --- | --- |
| **Komponen Utama** | **Pengertian** | **Fungsi dan Manfaat** | **Perkembangan dari waktu ke waktu** |
| - Internet of Think (IoT) |  |  |  |
| - Cloud Computing |  |  |  |
| - Big Data |  |  |  |
| - Augmented Reality |  |  |  |
| - Cyber Security |  |  |  |
| - Artificial Intelligence |  |  |  |
| - Autonomous Robot |  |  |  |
| - Simulation and Predictive Analytics Models |  |  |  |
| - Integration System |  |  |  |
| - Additive Manufacturing |  |  |  |

**- CHAPTER III - ANALISIS DAN IMPLEMENTASI**

Panduan Analisis dan Implementasi

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Komponen Utama** | **Spesifikasi Sistem Komputer** | **Hardware Pendukung** | **Software Pendukung** | **Brainware Pendukung** | **Pengguna dan Implementasi di Lapangan** |
| - Internet of Think (IoT) |  |  |  |  |  |
| - Cloud Computing |  |  |  |  |  |
| - Big Data |  |  |  |  |  |
| - Augmented Reality |  |  |  |  |  |
| - Cyber Security |  |  |  |  |  |
| - Artificial Intelligence |  |  |  |  |  |
| - Autonomous Robot |  |  |  |  |  |
| - Simulation and Predictive Analytics Models |  |  |  |  |  |
| - Integration System |  |  |  |  |  |
| - Additive Manufacturing |  |  |  |  |  |

**- CHAPTER IV – KESIMPULAN**

1. Kerjakan dengan se-DETAIL mungkin dengan **File type .docx** diatas **kertas A4** dengan aturan:

**- margin Moderate**

**- font size 16 untuk Judul, 14 untuk Chapter, dan 12 untuk Isi**

**- font type Times New Roman**

**- paragraph Justify**

**- line and paragraph spacing 1,5**

1. Batas waktu pengumpulan sekaligus presentasi adalah Jadwal UAS kelas masing-masing.