**TUGAS MANAGEMENT PROYEK SISTEM INFORMASI**

**D**

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**N**

**Oleh :**

**Nama : Depanri Purba**

**Nirm : 2018020777**

**Kelas : 5SIA5**



**Sekolah Tinggi Management Informatika Komputer**

**Triguna Dharma Medan**

**Tahun 2021**

**MANAJEMEN PROYEK**

**SISTEM INFORMASI PENDAFTARAN ONLINE BERBASIS WEBSITE**

***Ghanchart Manajemen Proyek Sistem Pendaftaran Online Berbasis Website Dengan Database Mysql***

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *x* | Bulan | i | | | | ii | | | | iii | | | | iv | | | | v | | | | Penanggug  jawab |
| 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 |
| **A** | Perencanaan |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Semua tim |
| **B** | Desain Interface Web dengan corel draw |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tim A |
| **C** | Desain Database |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tim B |
| **D** | Membuat database lokal |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tim C |
| **E** | Desain Website dengan React dan Bootstrap |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tim D |
| **F** | Desain Alur Program |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tim E |
| **G** | Membuat REST Full API dengan Laravel |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tim A |
| **H** | Konek React Dengan API |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tim B |
| **I** | Email Verifikasi |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tim A |
| **J** | Hosting Laravel |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tim C |
| **K** | Upload Database ke hosting |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tim D |
| **L** | Hosting React js ( Build ) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tim A, Tim B |
| **M** | Testing Website dengan hosting |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tim A, Tim B |
| **N** | Domain name untuk React Js |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tim E |
| **O** | Testing website yang sudah integrasi domain name |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tim A, Tim B |
| **P** | Simulasi website dengan data real / perbaikan error |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Tim A, Tim B |
| **Q** | Laporan |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Ketua Umum |

***PERT dari Manajemen Proyek Sistem Pendaftaran Online Berbasis Website Dengan Database Mysql***

|  |  |  |
| --- | --- | --- |
| 1/4/2021 | **A** | 15/4/2021 |
| 1/4/2021 | 2 m | 15/4/2021 |

|  |  |  |
| --- | --- | --- |
| 16/4/2021 | **B** | 29/4/2021 |
| 16/4/2021 | 2 m | 29/4/2021 |

Ket : yang diberi kotak adalah critical path

|  |  |  |
| --- | --- | --- |
| 4/7/2021 | **L** | 25/7/2021 |
| 4/7/2021 | 3 m | 25/7/2021 |

|  |  |  |
| --- | --- | --- |
| 4/7/2021 | **K** | 11/7/2021 |
| 18/7/2021 | 1 m | 25/7/2021 |

|  |  |  |
| --- | --- | --- |
| 19/6/2021 | **I** | 3/7/2021 |
| 19/6/2021 | 2 m | 3/7/2021 |
|  | 2 m |  |

|  |  |  |
| --- | --- | --- |
| 16/4/2021 | **F** | 7/5/2021 |
| 30/4/2021 | 3 m | 21/5/2021 |

|  |  |  |
| --- | --- | --- |
| 16/4/2021 | **E** | 21/5/2021 |
| 16/4/2021 | 5 m | 21/5/2021 |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| 16/4/2021 | **C** | 29/4/2021 |
| 16/4/2021 | 2 m | 29/4/2021 |

|  |  |  |
| --- | --- | --- |
| 24/9/2021 | **Q** | 1/10/2021 |
| 24/9/2021 | 1 m | 1/10/2021 |

|  |  |  |
| --- | --- | --- |
| 9/9/2021 | **P** | 23/9/2021 |
| 9/9/2021 | 2 m | 23/9/2021 |

|  |  |  |
| --- | --- | --- |
| 25/8/2021 | **O** | 8/9/2021 |
| 25/8/2021 | 2 m | 8/9/2021 |

|  |  |  |
| --- | --- | --- |
| 10/8/2021 | **N** | 24/8/2021 |
| 10/8/2021 | 2 m | 24/8/2021 |

|  |  |  |
| --- | --- | --- |
| 26/7/2021 | **M** | 9/8/2021 |
| 26/7/2021 | 2 m | 9/8/2021 |

|  |  |  |
| --- | --- | --- |
| 4/7/2021 | **J** | 25/7/2021 |
| 4/7/2021 | 3 m | 25/7/2021 |

|  |  |  |
| --- | --- | --- |
| 4/6/2021 | **H** | 18/6/2021 |
| 4/6/2021 | 2 m | 18/6/2021 |

|  |  |  |
| --- | --- | --- |
| 22/5/2021 | **G** | 3/6/2021 |
| 22/5/2021 | 6 m | 3/6/2021 |

|  |  |  |
| --- | --- | --- |
| 30/4/2021 | **D** | 21/5/2021 |
| 30/4/2021 | 3 m | 21/5/2021 |

Berdasarkan PERT di atas maka Critical pathnya adalah

***A - B - C - D - E - G - H - U - J - L - M - N - O - P - Q***

|  |  |  |  |
| --- | --- | --- | --- |
| ***Task*** | ***Expected Time*** | ***Precending Event*** | ***Nilai TE*** |
| **A** | 2 | **-** | 2 |
| **B** | 2 | **A** | 4 |
| **C** | 2 | **A** | 4 |
| **D** | 3 | **C** | 7 |
| **E** | 5 | **A** | 7 |
| **F** | 3 | **A** | 5 |
| **G** | 6 | **D,E,F** | 13 |
| **H** | 2 | **G** | 15 |
| **I** | 2 | **H** | 17 |
| **J** | 3 | **I** | 20 |
| **K** | 1 | **I** | 18 |
| **L** | 3 | **I** | 20 |
| **M** | 2 | **J,K,L** | 22 |
| **N** | 2 | **M** | 24 |
| **O** | 2 | **N** | 26 |
| **P** | 2 | **O** | 28 |
| **Q** | 1 | **P** | 29 |