|  |  |  |
| --- | --- | --- |
| **PROJECT CHARTER** | | |
| Judul Proyek | : | Digitalisasi Kantek melalui e-Kantek |
| Tanggal Mulai Proyek | : | 18 April 2023 |
| Tanggal Akhir Proyek | : | 16 Juni 2023 |
| Informasi Anggaran | : | Rp94.600.000,00 |
| Manajer Proyek | : | Elang Safamoza Ramadhan |

|  |  |
| --- | --- |
| **Tujuan Proyek:** | |
| Melakukan digitalisasi pada kantin teknik UMM.  **Fungsi sistem informasi yang akan dibuat:**  Mempermudah metode pembayaran serta pencatatan keuangan pada kasir kantin teknik UMM dan juga untuk meminimalisir antrean.  **Peranan Tanggung Jawab:** Project Manager | |
| Dengan tujuan untuk melakukan digitalisasi pada kantin teknik UMM, kami menciptakan e-Kantek. Proyek akan dimulai pada 18 April 2023 hingga 16 Juni 2023 dengan anggaran sebesar Rp94.600.000,00 (Terbilang Sembilan Puluh Empat Enam Ratus Ribu Rupiah). | |
| Manajer | Owner |
| ttd | ttd |
| Elang Safamoza Ramadhan | \*nama owner |

|  |  |  |  |
| --- | --- | --- | --- |
| **Business Case : Digitalisasi Kantin Teknik UMM** | | | |
| **Anggaran** | | | |
| **Job Desk** | **Duration (Day)** | **Total Person** | **Total Cost** |
| Planning : | 7 |  |  |
| * Plan Schedule | 3 | 2 | 600.000,00 |
| * Plan Resources | 4 | 2 | 800.000,00 |
| Design : | 7 |  |  |
| * Design Prototype | 3 | 3 | 900.000,00 |
| * Design Project | 4 | 3 | 1.200.000,00 |
| Implementation : | 28 |  |  |
| * Plan Implementation Project | 3 | 2 | 600.000,00 |
| * Develop Project by Directing Team Members | 25 | 1 | 77.600.000,00 |
| Testing : | 7 |  |  |
| * Testing Prototype | 3 | 3 | 900.000,00 |
| * Testing Project | 4 | 2 | 1.600.000,00 |
| Deployment : | 7 |  |  |
| * Develop Prototype | 3 | 2 | 2.400.000,00 |
| * Develop Project | 4 | 5 | 8.000.000,00 |
| **Total Cost** | | | **94.600.000,00** |

**Perhitungan COCOMO**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Organic | Semi Detached | Embedded |  |
| a | 2,4 | 3 | 3,6 |  |
| b | 1,05 | 1,12 | 1,2 |  |
| c | 2,5 | 2,5 | 2,5 |  |
| d | 0,38 | 0,35 | 0,32 |  |
|  |  |  |  |  |
| Kloc | 4 |  |  |  |
|  |  |  |  |  |
| E | 10.29 | 14.17 | 19.00 |  |
| D | 6.06 | 6.32 | 6.41 | Bulan |
| P | 1.70 | 2.24 | 2.96 | Orang |
|  | Digenapkan ke dalam 3 bulan dengan pekerja 2 orang | Digenapkan ke dalam 3 bulan dengan pekerja 2 orang | Digenapkan ke dalam 3 bulan dengan pekerja 3 orang |  |

**Bottom-Up**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Work Breakdown Structure** | **Resource (pax)** | **Duration** | **Costs** | **Cost Rate per man-day** |
| **Planning :** | **2** | **7** | **1.400.000,00** | |
| Plan Schedule | 2 | 3 | 600.000,00 | 100.000,00 |
| Plan Resources | 2 | 4 | 800.000,00 | 100.000,00 |
| **Design :** | **3** | **7** | **2.100.000,00** | |
| Design Prototype | 3 | 3 | 900.000,00 | 100.000,00 |
| Design Project | 3 | 4 | 1.200.000,00 | 100.000,00 |
| **Implementation :** | **3** | **28** | **78.200.000,00** | |
| Plan Implementation Project | 1 | 3 | 600.000,00 | 200.000,00 |
| Develop Project by Directing Team Members | 2 | 25 | 77.600.000,00 | 1.552.000,00 |
| **Testing :** | **5** | **7** | **2.500.000,00** | |
| Testing Prototype | 3 | 3 | 900.000,00 | 100.000,00 |
| Testing Project | 2 | 4 | 1.600.000,00 | 200.000,00 |
| **Deployment :** | **5** | **7** | **10.400.000,00** | |
| Deployment Prototype | 2 | 3 | 2.400.000,00 | 400.000,00 |
| Deployment Project | 5 | 4 | 8.000.000,00 | 400.000,00 |
| **Project Management** | **5** | **56** | **94.600.000,00** | |