**Time Estimation**

**Expected time**

(O + 4\*M + P) / 6 = TE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task** | **Time optimistic** | **Time normal** | **Time Pessimistic** | **Time Expected** |
| Draw Wireframes | 1 hour | 2 hours | 3hour | 2 hours |
| Draw Gantt chat | 1 hour | 2 hours | 3 hours | 2 hours |
| Prepare Feasibility Study | 3 hours | 4 hours | 6 hours | 5 hours |
| Prepare CBA | 2 hours | 3 hours | 5 hours | 3 hours |
| Implementation | 100 hours | 120 hours | 150 hours | 121 hours |
| Testing | 48 hours | 50 hours | 55 hours | 50 hours |
| Deployment | 3 hours | 4 hours | 5 hours | 5 hours |
| **Total Time Expected** | | | | **188 hours** |

|  |  |  |
| --- | --- | --- |
| **Draw Wireframes** | | |
| **Duration** | **Start Date** | **End Date** |
| 1 day | 04 -December-2019 | 04 -December-2019 |
| **Slack** | | |

|  |  |  |
| --- | --- | --- |
| **Prepare Feasibility Study** | | |
| **Duration** | **Start Date** | **End Date** |
| 1 day | 04 -December-2019 | 04 -December-2019 |
| **Slack** | | |

|  |  |  |
| --- | --- | --- |
| **Prepare CBA** | | |
| **Duration** | **Start Date** | **End Date** |
| 1 day | 04 -December-2019 | 04 -December-2019 |
| **Slack** | | |

|  |  |  |
| --- | --- | --- |
| **Implementation** | | |
| **Duration** | **Start Date** | **End Date** |
| 19 day | 06 -December-2019 | 17 -January-2020 |
| **Slack 2 days** | | |

|  |  |  |
| --- | --- | --- |
| **Testing** | | |
| **Duration** | **Start Date** | **End Date** |
| 5 day | 13 -January-2020 | 17 -January-2020 |
| **Slack 2 days** | | |

|  |  |  |
| --- | --- | --- |
| **Deployment** | | |
| **Duration** | **Start Date** | **End Date** |
| 1 day | 17 -January-2020 | 27 -January-2020 |
| **Slack 1 day** | | |

|  |  |
| --- | --- |
| **Total Expected length of a project** | 28 days |
| **Soonest possible date** | 17 -January-2020 |
| **Latest possible completion date** | 27 -January-2020 |

**Total slack of 5 days delay.**