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| Task ID | Explanation | Duration  (Days) | Predecessor | Initials of Resources Allocated |
| A | Requirements gathering | 3 |  | KS, TC |
| B | Analysis | 5 | A | HD, PT |
| C | Feasibility study | 4 | B | HD, JH, PT, JB |
| D | Alternative plans | 14 | B | JH, JB, DT |
| E | Test plans | 7 | D | HD, PT |
| F | Choose one plan | 4 | D | TC, HD, JH |
| G | Implement function for vital modules | 15 | D | KS, HD, DT |
| H | Test and debug vital modules | 8 | G | JH, JB |
| I | Implement function for non-vital modules | 9 | D | TC, JH |
| J | Test and debug non-vital modules | 3 | I | HD, JB, DT |
| K | Merge modules | 8 | H,J | TC, HD, JH, PT, JB, DT |
| L | Test overall program | 8 | K | HD, JH, PT, JB |
| M | Define users | 3 | K | KS, TC, HD, JH |
| N | Publish program | 3 | L,M | KS, TC |

Table 1. Task Table

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| Resource Name | Resource initials | Std. Rate |
| Project manger | KS | $35/Hours |
| Project Leader | TC | $35/Hours |
| Engineer1 | HD | $25/Hours |
| Engineer2 | JH | $25/Hours |
| Tester1 | PT | $33/Hours |
| Tester2 | JB | $33/Hours |
| Tester3/Enginner3 | DT | $30/Hours |

