APPENDIX D

Program Evaluation and Review Technique (PERT) Table.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Code | Activity Name | Predecessor | a | m | b | ET | ES | EF | LS | LF | Slack |
| A | Title Proposal | NONE | 3 | 5 | 6 | 5 | 0 | 5 | 0 | 5 | 0 |
| B | Technical Review | A | 1 | 1 | 1 | 1 | 5 | 6 | 5 | 6 | 0 |
| C | Requirements Gathering | B | 1 | 2 | 3 | 2 | 6 | 8 | 6 | 8 | 0 |
| D | Scope Formulation | C | 1 | 2 | 3 | 2 | 8 | 10 | 8 | 10 | 0 |
| E | Prototyping | D | 2 | 3 | 4 | 3 | 10 | 13 | 10 | 13 | 0 |
| F | Coding and Testing | E | 15 | 16 | 17 | 16 | 13 | 29 | 13 | 29 | 0 |
| G | Finalization of the Product | F | 5 | 6 | 7 | 6 | 29 | 35 | 29 | 35 | 0 |

Legend:

a – optimistic time

m – most probable time

b – pessimistic time

et – estimated time

es – earliest start time

ef – earliest start time

ls – latest start time

lf – latest finish time

st – slack time

59