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Software Engineering Methodology

TABLE 1: Task durations and dependencies

|  |  |  |
| --- | --- | --- |
| **Task** | **Duration(days)** | **Dependencies** |
| 1.Create menus and gui | 11 |  |
| 2.Feature: Add budget | 8 | 1 |
| 3.Feature: Add user | 8 | 1 |
| 4.Feature: Add purchase event | 8 | 1 |
| 5.Feature: Create log entries and graph of log entries | 8 | 1 |
| 6.Testing | 8 | 1,2,3,4,5 |

TABLE 2: Risk analysis

|  |  |  |
| --- | --- | --- |
| **Risk** | **Probability** | **Effects** |
| Main developer falls sick and is unable to complete project on time | Low | Serious |
| Main developer loses all progress because of catastrophic system failure, including all back-ups in the cloud and so forth | Very low | Catastrophic |
| The project is delayed because of unforeseen circumstances that take up the time planned for developing | Moderate | Moderate |
| Unforeseen problems cause the phases to take more time than planned | Very high | Not very serious |