**Table C16 Time Recording Log**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Student | | B.Vasundhara | | | | | Date | 19/11/22 |
| Instructor | | Karthika S | | | | | Program # | 01 |
|  | |  | | | | |  |  |
| **Date** | **Start** | **Stop** | **Interruption**  **Time** | **Delta**  **Time** | **Phase** | **Comments** | | |
| 19/11/22 | 9:00am | 9:20am | 0 | 20 | Planning | Understanding the questions and requirements. | | |
|  | 9:20am | 9:30am | 0 | 10 | Design | Designing algorithms and class diagram | | |
|  | 9:30am | 10:20am | 0 | 50 | Code | Coding for the questions. | | |
|  | 10:20am | 10:35am | 0 | 15 | Compile | Compiling the code and debugging the errors | | |
|  | 10:35am | 10:45am | 0 | 10 | Test | Working on various test cases | | |
|  | 10:45am | 10:55am | 0 | 10 | postmortem | Finishing the program | | |
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**Table C18 Defect Recording Log**

**Defect Types**

**10 Documentation 60 Checking**

**20 Syntax 70 Data**

**30 Build, Package 80 Function**

**40 Assignment 90 System**

**50 Interface 100 Environment**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Student | | | | B.Vasundhara | | | | | | | | Date | | 19/11/22 | |
| Instructor | | | | Karthika S | | | | | | | | Program # | | 01 | |
| Date |  | Number | | |  | Type |  | Inject |  | Remove |  | | Fix Time |  | Fix Defect |
| 19/11/22 |  | 01 | | |  | checking |  | code |  | compile |  | | 2 |  |  |
| Description: | | | Exception wasn’t handled | | | | | | | | | | | | |
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| Date |  | Number | | |  | Type |  | Inject |  | Remove |  | | Fix Time |  | Fix Defect |
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| Date |  | Number | | |  | Type |  | Inject |  | Remove |  | | Fix Time |  | Fix Defect |
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| Description: | | |  | | | | | | | | | | | | |
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**Table C25 PSP0.1 Project Plan Summary**

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| --- | --- | --- | --- |
| Student | B.Vasundhara | Date | 19/11/22 |
| Program | Loan Class | Program # | 01 |
| Instructor | Karthika S | Language | Python |

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| ***Program Size (LOC)*** | ***Plan*** | | |  | ***Actual*** | | |  | ***To Date*** | | |
| ***Base(B)*** | ***0*** | | |  | ***0*** | | |  |  | | |
|  |  | | |  | ***(Measured)*** | | |  |  | | |
| ***Deleted (D)*** | ***5*** | | |  | ***5*** | | |  |  | | |
|  |  | | |  | ***(Counted)*** | | |  |  | | |
| ***Modified (M)*** | ***5*** | | |  | ***5*** | | |  |  | | |
|  |  | | |  | ***(Counted)*** | | |  |  | | |
| ***Added (A)*** | ***115*** | | |  | ***100*** | | |  |  | | |
|  |  | | |  | ***(T-B+D-R)*** | | |  |  | | |
| ***Reused (R)*** | ***0*** | | |  | ***0*** | | |  | ***0*** | | |
|  |  | | |  | ***(Counted)*** | | |  |  | | |
| ***Total New & Changed (N)*** | ***120*** | | |  | ***105*** | | |  | ***0*** | | |
|  |  | | |  | ***(A+M)*** | | |  |  | | |
| ***Total LOC (T)*** | ***110*** | | |  | ***95*** | | |  | ***0*** | | |
|  |  | | |  | ***(Measured)*** | | |  |  | | |
| ***Total New Reused*** | ***0*** | | |  | ***0*** | | |  | ***0*** | | |
|  |  | | |  |  | | |  |  | | |
| **Time in Phase (min.)** | ***Plan*** |  | **Actual** | | |  | **To Date** | | |  | **To Date %** |
| Planning | 20 |  | 20 | | |  | 0 | | |  |  |
| Design | 15 |  | 10 | | |  | 0 | | |  |  |
| Code | 45 |  | 50 | | |  | 0 | | |  |  |
| Compile | 20 |  | 15 | | |  | 0 | | |  |  |
| Test | 10 |  | 10 | | |  | 0 | | |  |  |
| Postmortem | 10 |  | 10 | | |  | 0 | | |  |  |
| Total | 120 |  | 115 | | |  | 0 | | |  |  |
|  |  |  |  | | |  |  | | |  |  |
| **Defects Injected** |  |  | **Actual** | | |  | **To Date** | | |  | **To Date %** |
| Planning | 0 |  | 0 | | |  | 0 | | |  |  |
| Design | 2 |  | 1 | | |  | 0 | | |  |  |
| Code | 4 |  | 1 | | |  | 0 | | |  |  |
| Compile | 0 |  | 0 | | |  | 0 | | |  |  |
| Test | 0 |  | 0 | | |  | 0 | | |  |  |
| Total Development | 6 |  | 2 | | |  | 0 | | |  |  |
|  |  |  |  | | |  |  | | |  |  |
| **Defects Removed** |  |  | **Actual** | | |  | **To Date** | | |  | **To Date %** |
| Planning | 0 |  | 0 | | |  | 0 | | |  |  |
| Design | 2 |  | 1 | | |  | 0 | | |  |  |
| Code | 4 |  | 1 | | |  | 0 | | |  |  |
| Compile | 0 |  | 0 | | |  | 0 | | |  |  |
| Test | 0 |  | 0 | | |  | 0 | | |  |  |
| Total Development | 6 |  | 2 | | |  | 0 | | |  |  |
| After Development | 0 |  | 0 | | |  | 0 | | |  |  |

**Table C27 Process Improvement Proposal (PIP)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Student | B.Vasundhara | | Date | 19/11/22 |
| Instructor | Karthika S | | Program # | 01 |
| Process |  | Elements |  | |

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| --- | --- | --- |
| **PIP Number** | | |
|  |  | **Problem Description:** | |
| 01 |  | Didn’t Know the different ways to handle errors | |
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| **PROPOSAL** | | |
| **PIP #** |  | **Proposal Description** | |
| 01 |  | Browsed and learnt the different ways to handle errors (eg: else,finally) | |
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| **Notes and Comments:** | | |
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