**PSP Data Analysis Report**

PSP Time Recording Log

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| Student | Tushar Pandey | Date | 6th October, 2016 |
| Program | Delhi Paradise Restaurant Management System | Program # | #1 |
| Instructor | Timothy, Lindquist | Language | Java |

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| --- | --- | --- | --- | --- | --- | --- |
| **Date** | **Phase** | **Start Time** | **Int. Time** | **Stop Time** | **Delta**  **Time** | **Comments** |
| **6nd October** | Planning | 14:00 | 0 | 14:15 | 15 | Obtain forms and Scripts |
|  | Planning | 14:10 | 0 | 15:20 | 70 | Obtain requirements statement |
|  | Planning | 15:15 | 0 | 15:35 | 20 | Ensure requirements are clear and unambiguous |
|  | Planning | 15:30 |  | 15:55 | 25 | Resolve any questions |
|  | Planning | 16:30 | 65 | 22:35 | 305 | Produce Conceptual Design |
|  | Planning | 23:00 |  | 0:35 | 65 | Estimate the product size |
| 7th October, 2016 | Planning | 00:30 |  | 01:50 | 80 | Produced the schedule of the project |
|  | Planning | 11:00 |  | 12:05 | 65 | Completed the project plan summary |
|  | Planning | 12:00 |  | 12:20 | 20 | Completed the task schedule and planning sheet |
|  | Planning | 17:00 |  | 17:35 | 35 | Record time in time recording log |
| 9th October, 2016 | Design | 13:00 | 120 | 21:05 | 605 | Produce the Design after reviewing the requirements |
|  | Design | 23:00 |  | 23:35 | 35 | Fix all defects |
|  | Design | 23:30 |  | 00:05 | 35 | Record defects in Defect Recording Log |
| 12th October, 2016 | Code | 11:00 | 60 | 15:05 | 185 | Review the design and start creating the activities and classes. |
|  | Code | 17:00 | 90 | 23:05 | 275 | Create further classes and load the database |
| 15th October | Code | 11:00 | 60 | 14:05 | 125 | Implemented the classes and created new activities |
|  | Code | 15:00 | 00 | 19:05 | 245 | Created various user interfaces for various activities |
|  | Code | 23:00 |  | 01:05 | 125 | Formatted the new resources(Interfaces) and mapped them to the activities. |
| 17th October | Code | 11:00 |  | 15:05 | 245 | Mapped the functionalities of each of the buttons and implemented the actual flow |
|  | Code | 18:00 | 60 | 23:05 | 245 | Extracted the data and placed them in the proper interfaces. |
| 21st October | Code | 11:00 | 120 | 15:05 | 125 | Calculate the various values and write conditions accordingly. |
|  | Code | 17:00 | 60 | 23:05 | 305 | Map the correct values to the correct interfaces and display appropriate data as per the button’s functionality. |
|  | Code | 23:00 |  | 00:35 | 65 | Record time in time recording log |
|  | Code | 00:30 |  | 1:35 | 65 | Perform code review. |
| 24th October | Testing | 11:00 | 120 | 14:05 | 185 | Test the various test cases |
|  | Testing | 22:00 |  | 00:05 | 125 | Testing the other left out test cases |
| 27th October | Testing(Fixing Defects) | 11:00 | 80 | 15:05 | 165 | Fixing defects |
|  | Postmortem | 17:00 | 60 | 21:05 | 185 | Completing the PSP plan summary, the defect logs and the time log. |
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PSP0 Project Plan Summary

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| Student | Tushar Pandey | Date | 10th October, 2016 |
| Program | Delhi Paradise Restaurant Management System | Program # | #1 |
| Instructor | Timothy Lindquist | Language | Java |

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| **Time in Phase (min.)** | **Plan** |  | **Actual** |  | **To Date** |  | **To Date %** |
| Planning | 480 |  | 650 |  |  |  |  |
| Design | 610 |  | 675 |  |  |  |  |
| Code | 1650 |  | 2005 |  |  |  |  |
| Compile | 15 |  | 20 |  |  |  |  |
| Test | 290 |  | 475 |  |  |  |  |
| Postmortem | 150 |  | 185 |  |  |  |  |
| Total | 3195 |  | 4010 |  |  |  |  |
|  |  |  |  |  |  |  |  |
| **Defects Injected** |  |  | **Actual** |  | **To Date** |  | **To Date %** |
| Planning |  |  | - |  |  |  |  |
| Design |  |  | 2 |  |  |  |  |
| Code |  |  | 12 |  |  |  |  |
| Compile |  |  | - |  |  |  |  |
| Test |  |  | 2 |  |  |  |  |
| Total Development |  |  | 16 |  |  |  |  |
|  |  |  |  |  |  |  |  |
| **Defects Removed** |  |  | **Actual** |  | **To Date** |  | **To Date %** |
| Planning |  |  | - |  |  |  |  |
| Design |  |  | - |  |  |  |  |
| Code |  |  | - |  |  |  |  |
| Compile |  |  | - |  |  |  |  |
| Test |  |  | 16 |  |  |  |  |
| Total Development |  |  | 16 |  |  |  |  |
| After Development |  |  |  |  |  |  |  |