APPENDIX I

Size-Oriented Metrics.

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| Measurements Subjects | Formula | Equation | Value |
| Errors per KLOC | Errors/KLOC | 136/8.961 | 15 Errors/KLOC |
| Defects per KLOC | Defects/KLOC | 25/8.961 | 2.79 Defects/KLOC |
| Php per KLOC | Php/KLOC | 1532/8.961 | 170.96 Php/KLOC |
| Page of Documentation per KLOC | Pp.Doc/KLOC | 107/8.961 | 11.9 Pp.Doc/KLOC |
| Errors per Day | Errors/Efforts | 136/120 | 1.13 Errors/Efforts |
| LOC per Day | LOC/Efforts | 8961/120 | 74.68 LOC/Efforts |

|  |  |
| --- | --- |
| List of Errors | Frequency |
| Typography | 80 |
| Legal | 7 |
| Budget Overflow | 3 |
| Error Trapping | 24 |
| Communication Error | 6 |
| Syntactic Error | 3 |
| Calculation Error | 13 |

|  |  |
| --- | --- |
| List of Defects | Frequency |
| Functionalty Defects | 6 |
| Browser Compatibility | 1 |
| Page Layout | 1 |
| Validation fields | 4 |
| Different Screen Resolution | 3 |
| Cross Platform Compatibility | 4 |
| Application Crashed | 6 |

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| --- | --- |
| Module | KLOC per Module |
| Data Entry | 5.199 |
| Transaction | 0.951 |
| Reports | 2.811 |
| Total | 8.961 |