

/Proyecto/Tecnologias de Programación/Program 6

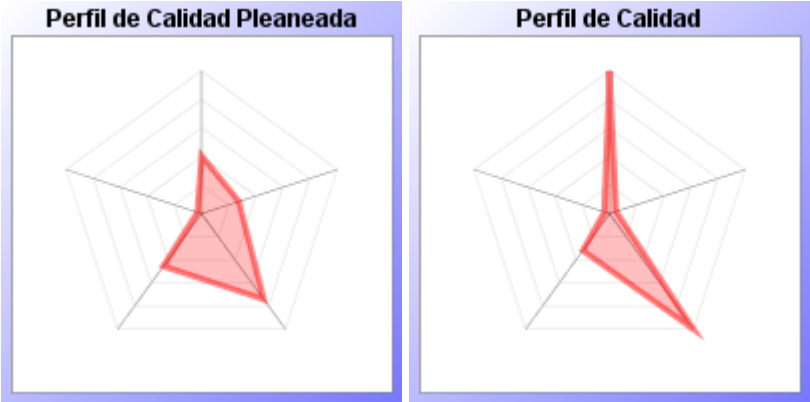
PSP2.1 Project Plan Summary

Project Settings

| | | |
|-----------------|----------------------------------|--|
| Project Owner | Edgar Valentin Ruiz Padilla | |
| Start Date | nov 21, 2021 10:40:00 AM | |
| Completion Date | nov 21, 2021 02:23:03 PM | Completed: <input checked="" type="checkbox"/> |
| Keywords | Encontrar x a partir de integral | |
| Language | Java | |

Overall Metrics

| Summary | Plan | Actual | A la Fecha |
|----------------------------------|-------|---------|------------|
| Size/Hour | 5.28 | 12.1 | 12.3 |
| Planned Time | 5:00 | | 10:00 |
| Actual Tiempo | | 3:09 | 7:55 |
| CPI (Cost-Performance Index) | | | 1.26 |
| % Reuse | 0% | 0% | 0% |
| % New Reusable | 0% | 0% | 0% |
| Test Defects/KLOC or equivalent | 16.9 | 26.3 | 20.6 |
| Total Defects/KLOC or equivalent | 67.8 | 26.3 | 51.5 |
| Yield % | 50% | #DIV/0! | 50% |
| Code Review Rate | 68.6 | 2280 | 253 |
| % <i>Appraisal COQ</i> | 8.04% | 1.06% | 5.26% |
| % <i>Failure COQ</i> | 6.99% | 30.2% | 16.2% |
| <i>COQ A/F Ratio</i> | 1.15 | 0.04 | 0.32 |
| <i>PQI</i> | 0.0 | 0.0 | 0.0 |



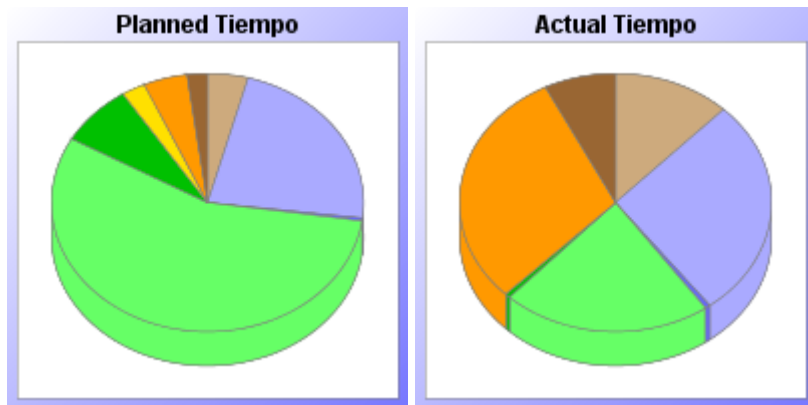
Program Size

| | Plan | Actual | A la Fecha |
|---------------------------------|------|--------|------------|
| Base (B) | 75 | 61 | 103 |
| Deleted (D) | 10 | 2 | 11 |
| Modified (M) | 10 | 11 | 42 |
| Added (A) | 16.4 | 27 | 55 |
| Reused (R) | 0 | 0 | 0 |
| Added and Modified (A+M) | 26.4 | 38 | 97 |
| Total Size (T) | 81.4 | 86 | 147 |
| Total New Reusable | 0 | 0 | 0 |
| Estimated Proxy Size (E) | 26.4 | 77 | 164 |
| Upper Prediction Interval (70%) | N/A | | |
| Lower Prediction Interval (70%) | N/A | | |

Time In Phase

| | Plan | Actual | A la Fecha | % A la Fecha |
|--------------------|------|--------|------------|--------------|
| Planeación | 0:13 | 0:23 | 0:35 | 7.37% |
| Diseño | 1:08 | 0:52 | 1:57 | 24.6% |
| Revisión de Diseño | 0:01 | 0:01 | 0:02 | 0.42% |

| | | | | |
|-----------------------------|------|------|------|-------|
| Codificación | 2:48 | 0:41 | 3:21 | 42.3% |
| Revisión de Codificación | 0:23 | 0:01 | 0:23 | 4.84% |
| Compilación | 0:07 | 0:00 | 0:07 | 1.47% |
| Pruebas | 0:14 | 0:57 | 1:10 | 14.7% |
| Postmortem | 0:06 | 0:14 | 0:20 | 4.21% |
| Total | 5:00 | 3:09 | 7:55 | |
| Total Time UPI (70%) | N/A | | | |
| Total Time LPI (70%) | N/A | | | |



Defects Injected

| | Plan | Actual | A la Fecha | % A la Fecha |
|--------------------------|------|--------|------------|--------------|
| Antes de Desarrollo | 0 | 0 | 0 | 0% |
| Planeación | 0 | 0 | 0 | 0% |
| Diseño | 0 | 0 | 0 | 0% |
| Revisión de Diseño | 0 | 0 | 0 | 0% |
| Codificación | 1.79 | 0 | 4 | 80% |
| Revisión de Codificación | 0 | 0 | 0 | 0% |
| Compilación | 0 | 0 | 0 | 0% |
| Pruebas | 0 | 1 | 1 | 20% |
| Total | 1.79 | 1 | 5 | |



Defects Removed

| | Plan | Actual | A la Fecha | % A la Fecha |
|--------------------------|------|--------|------------|--------------|
| Planeación | 0 | 0 | 0 | 0% |
| Diseño | 0 | 0 | 0 | 0% |
| Revisión de Diseño | 0 | 0 | 0 | 0% |
| Codificación | 0.89 | 0 | 2 | 40% |
| Revisión de Codificación | 0 | 0 | 0 | 0% |
| Compilación | 0.45 | 0 | 1 | 20% |
| Pruebas | 0.45 | 1 | 2 | 40% |
| Total | 1.79 | 1 | 5 | |
| After Development | 0 | 0 | 0 | |



Defect Removal Efficiency

| | Plan | Actual | A la Fecha |
|------------------------------|------|---------|------------|
| Defects/Hour - Design Review | 0 | 0 | 0 |
| Defects/Hour - Code Review | 0 | 0 | 0 |
| Defects/Hour - Compile | 3.66 | #DIV/0! | 8.57 |
| Defects/Hour - Test | 1.97 | 1.05 | 1.71 |
| DRL (DLDR/UT) | 0 | 0 | 0 |
| DRL (Code Review/UT) | 0 | 0 | 0 |
| DRL (Compile/UT) | 1.86 | #DIV/0! | 5 |



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