PSP0.1 Project Plan Summary

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| --- | --- | --- | --- |
| Student | Deivis Enrique Vergel Arenas | Date | 02/02/2015 |
| Program | ECOS | Program # | 2 |
| Instructor | Luis Daniel Benavides Navarro | Language | JAVA |

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| ***Program Size*** | ***Plan*** | | |  | ***Actual*** | | |  | ***To Date*** | | |
| ***Base (B)*** |  | | |  | 169 | | |  |  | | |
|  |  | | |  | ***(Measured)*** | | |  |  | | |
| ***Deleted (D)*** |  | | |  | 1 | | |  |  | | |
|  |  | | |  | ***(Counted)*** | | |  |  | | |
| ***Modified (M)*** |  | | |  | 4 | | |  |  | | |
|  |  | | |  | ***(Counted)*** | | |  |  | | |
| ***Added (A)*** |  | | |  | 198 | | |  |  | | |
|  |  | | |  | ***(T − B + D − R)*** | | |  |  | | |
| ***Reused (R)*** |  | | |  | 0 | | |  | 0 | | |
|  |  | | |  | ***(Counted)*** | | |  |  | | |
| ***Added and Modified (A+M)*** | 169 | | |  | 201 | | |  | 201 | | |
|  |  | | |  | ***(A + M)*** | | |  |  | | |
| ***Total Size (T)*** |  | | |  | 366 | | |  | 366 | | |
|  |  | | |  | ***(Measured)*** | | |  |  | | |
| ***Total New Reusable*** |  | | |  |  | | |  |  | | |
|  |  | | |  |  | | |  |  | | |
| **Time in Phase (min.)** | ***Plan*** |  | **Actual** | | |  | **To Date** | | |  | **To Date %** |
| Planning | 76,23529704 |  | 54 | | |  | 102 | | |  | 10,3869654 |
| Design | 177,882352938 |  | 151 | | |  | 263 | | |  | 26,7820774 |
| Code | 247,764705876 |  | 340 | | |  | 496 | | |  | 50,509165 |
| Compile | 0 |  |  | | |  |  | | |  |  |
| Test | 39,7058823504 |  | 16 | | |  | 41 | | |  | 4,17515275 |
| Postmortem | 61,941176496 |  | 41 | | |  | 80 | | |  | 8,14663950 |
| Total | 540 |  | 602 | | |  | 982 | | |  | 100 |
|  |  |  |  | | |  |  | | |  |  |
| **Defects Injected** |  |  | **Actual** | | |  | **To Date** | | |  | **To Date %** |
| Planning |  |  |  | | |  | 1 | | |  | 11,111111111 |
| Design |  |  | 1 | | |  | 2 | | |  | 22,22222222 |
| Code |  |  | 4 | | |  | 6 | | |  | 66,66666666 |
| Compile |  |  |  | | |  |  | | |  |  |
| Test |  |  |  | | |  |  | | |  |  |
| Total Development |  |  | 5 | | |  | 9 | | |  | 100 |
|  |  |  |  | | |  |  | | |  |  |
| **Defects Removed** |  |  | **Actual** | | |  | **To Date** | | |  | **To Date %** |
| Planning |  |  |  | | |  | 1 | | |  | 11,11111111 |
| Design |  |  |  | | |  |  | | |  |  |
| Code |  |  | 5 | | |  | 6 | | |  | 66,66666666 |
| Compile |  |  |  | | |  |  | | |  |  |
| Test |  |  |  | | |  | 2 | | |  | 22,22222222 |
| Total Development |  |  | 5 | | |  | 9 | | |  | 100 |
| After Development |  |  |  | | |  |  | | |  |  |

PSP Time Recording Log

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Student | | Deivis Enrique Vergel Arenas | | | | | | Date | 02/02/2015 | |
| Program | | ECOS | | | | | | Program # | 2 | |
| Instructor | | Luis Daniel Benavides Navarro | | | | | | Language | JAVA | |
|  | |  | | | | | |  |  | |
| **Project** | **Phase** | | **Start Date and Time** | **Int. Time** | **Stop Date and Time** | **Delta**  **Time** | **Comments** | | |
| PSP0.1 | Plan | | 01/02/15 01:05 P.M |  | 01/02/15 01:59 P.M | 54 | Revisión de proyecto guía sobre heroku y decisión de uso de expresiones regulares para el conteo e identificación de líneas | | |
| PSP0.1 | Desing | | 01/02/15 07:12 P.M | 20 | 01/02/15 09:43 P.M | 151 | Diseño de clase CalcularLoc junto con conjunto de atributos y métodos a calcular en la lectura de archivos | | |
| PSP0.1 | Code | | 01/02/15 09:43 P.M | 15 | 01/02/15 12:05 P.M | 142 | codificación de comportamiento de funciones leerRuta y sumarVariables encargadas de recorrer los archivos y calcular líneas, clases, atributos y métodos respectivamente | | |
| PSP0.1 | Code | | 02/02/15 06:15 P.M | 15 | 02/02/15 9: 33 P.M | 198 | Continuación de codificación de función sumarVariables y creación de expresiones regulares para contar líneas , identificar clases, atributos, métodos | | |
| PSP0.1 | Test | | 02/02/15 09:33 P.M |  | 02/02/15 09:49 P.M | 16 |  | | |
| PSP0.1 | Postmortem | | 02/02/15 09:50 P.M |  | 02/02/15 10:31 P.M | 41 |  | | |

PSP Defect Recording Log

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| --- | --- |
| Defect Types |  |
| 10 Documentation | 60 Checking |
| 20 Syntax | 70 Data |
| 30 Build, Package | 80 Function |
| 40 Assignment | 90 System |
| 50 Interface | 100 Environment |

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| Program | ECOS | Program # | 2 |
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| Project |  | | Date |  | Number |  | Type |  | Inject |  | Remove |  | Fix Time |  | Fix Ref. |
| PSP0.1 |  | | 01/02/15 |  | 01 |  | 80 |  | Code |  | Code |  | 15 |  |  |
| Description: | | | Correccion de ruta para la lectura de lectura de los archives .java , se identifico el separador del sistema para que funcionara correctamente en cualquier sistema operativo | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | |
| Project |  | | Date |  | Number |  | Type |  | Inject |  | Remove |  | Fix Time |  | Fix Ref. |
| PSP0.1 |  | | 01/02/15 |  | 02 |  | 70 |  | Desing |  | Code |  | 10 |  |  |
| Description: | | | Cambio de atributos de la clase CalcularLoc a arrays de objetos List para evitar definicion de longitudes de las matrices de atributos | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | |
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| Project |  | | Date |  | Number |  | Type |  | Inject |  | Remove |  | Fix Time |  | Fix Ref. |
| PSP0.1 |  | | 01/02/15 |  | 03 |  | 80 |  | Code |  | Code |  | 10 |  |  |
| Description: | | | Logica de inicializacion de vetores y reinicio de contadores | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | |
| Project |  | | Date |  | Number |  | Type |  | Inject |  | Remove |  | Fix Time |  | Fix Ref. |
| PSP0.1 |  | | 02/02/15 |  | 04 |  | 80 |  | Code |  | Code |  | 5 |  |  |
| Description: | | | Error al imprimir los atributos y metodos de la clase , se relaciona con el indice de la clase | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | |
| Project |  | | Date |  | Number |  | Type |  | Inject |  | Remove |  | Fix Time |  | Fix Ref. |
| PSP0.1 |  | | 02/02/15 |  | 05 |  | 80 |  | Code |  | Code |  | 30 |  |  |
| Description: | | | Solucion de secciones de expresiones regulares que invocaban mal el entorno , el tipo o el nombre de la línea analizada | | | | | | | | | | | | | |

PSP Defect Type Standard

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| --- | --- | --- |
| **Type Number** | **Type Name** | **Description** |
| 10 | Documentation | Comments, messages |
| 20 | Syntax | Spelling, punctuation, typos, instruction formats |
| 30 | Build, Package | Change management, library, version control |
| 40 | Assignment | Declaration, duplicate names, scope, limits |
| 50 | Interface | Procedure calls and references, I/O, user formats |
| 60 | Checking | Error messages, inadequate checks |
| 70 | Data | Structure, content |
| 80 | Function | Logic, pointers, loops, recursion, computation, function defects |
| 90 | System | Configuration, timing, memory |
| 100 | Environment | Design, compile, test, or other support system problems |