|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Information Domain Value** | **Count** |  | **Simple** | **Average** | **Complex** |  |  |
| Number of External Inputs (EIs) | 4 | × | 3 | 4 | 6 | = | 4 ×4 =12 |
| Number of External Outputs (EOs) | 2 | × | 4 | 5 | 7 | = | 2 ×5 =10 |
| Number of External Inquiries (EQ) | 2 | × | 3 | 4 | 6 | = | 2 × 3 = 6 |
| Number of Internal Logical Files (ILF) | 3 | × | 7 | 10 | 15 | = | 3 × 10 = 30 |
| Number of External Interface Files (EIF) | 1 | × | 5 | 7 | 10 | = | 1 × 7 = 7 |
|  |  |  |  |  |  |  | **Count total = 65** |

Maintenance Metrics:

The number of modules in the current release MT = 10

The number of modules in the current release that have been changed Fc = 1

The number of modules in the current release that have been added Fa = 1

The number of modules from the preceding release that were deleted in the current release Fd = 1

SMI =

= = 0.75 < 1  
  
So the system is less stable as the value of maintenance matric is less than 1.