**Understandability:**

Code possesses the characteristic understandability to the extent that its purpose is clear to the inspector.

This implies that variable names or symbols are used consistently, modules of code are self-descriptive, and the control structure is simple or in accordance with a prescribed standard, etc.

|  |  |
| --- | --- |
| **Condition** | **Description** |
| Function Comments | Every function should have comments describing the operation it performs, input parameters and return value. |
| Function & Module Name | Self-descriptive function and module names |
| Class & Variable Name | Self-descriptive class and variable names |
| Proper Alignment | Code alignment should be proper to improve code readability |
| Unnecessary Spaces & Commented Code | Unnecessary spaces and commented code needs to be removed as a part of clean-up activity. |

**Rating:**

|  |  |
| --- | --- |
| 0 | Not Implemented |
| 5 | Moderately Implemented |
| 10 | Completely Implemented |

**Formula:**

**(Σ Reviewer Score) + (Σ Supervisor Score)**

**(2 \*Number of Pages/Screens \* Number of Conditions)**

**Expected Value: 8/10**

**Iteration 1:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr. No** | **Page/ Screen Name** | **Condition** | **Reviewer Score** | **Supervisor Score** |
| 1 | Login Page | Function Comments | 10 | 10 |
| Function & Module Name | 10 | 10 |
| Class & Variable Name | 10 | 10 |
| Proper Alignment | 10 | 10 |
| Unnecessary Spaces & Commented Code | 5 | 5 |
|  |  |  |  |  |
| 2 | Create New User Page | Function Comments | 10 | 10 |
| Function & Module Name | 5 | 10 |
| Class & Variable Name | 5 | 5 |
| Proper Alignment | 10 | 10 |
| Unnecessary Spaces & Commented Code | 5 | 5 |
|  |  |  |  |  |
| Total | | | 80 | 85 |
| Understandability Score | | | 8.25 | |

**Iteration 2:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr. No** | **Page/ Screen Name** | **Condition** | **Reviewer Score** | **Supervisor Score** |
| 1 | Home Page | Function Comments | 5 | 10 |
| Function & Module Name | 5 | 5 |
| Class & Variable Name | 10 | 10 |
| Proper Alignment | 10 | 10 |
| Unnecessary Spaces & Commented Code | 5 | 5 |
|  |  |  |  |  |
| 2 | Change Password Page | Function Comments | 5 | 5 |
| Function & Module Name | 10 | 10 |
| Class & Variable Name | 5 | 5 |
| Proper Alignment | 10 | 10 |
| Unnecessary Spaces & Commented Code | 10 | 10 |
|  |  |  |  |  |
| 3 | Forgot Password Page | Function Comments | 5 | 5 |
|  |  | Function & Module Name | 10 | 10 |
|  |  | Class & Variable Name | 5 | 5 |
|  |  | Proper Alignment | 10 | 10 |
|  |  | Unnecessary Spaces & Commented Code | 10 | 10 |
|  |  |  |  |  |
| Total | | | 115 | 120 |
| Understandability Score | | | 7.8 | |

**Iteration 3:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr. No** | **Page/ Screen Name** | **Condition** | **Reviewer Score** | **Supervisor Score** |
| 1 | Friends Page | Function Comments | 5 | 5 |
| Function & Module Name | 10 | 10 |
| Class & Variable Name | 10 | 10 |
| Proper Alignment | 10 | 10 |
| Unnecessary Spaces & Commented Code | 10 | 10 |
|  |  |  |  |  |
| 2 | Index Page | Function Comments | 5 | 5 |
| Function & Module Name | 10 | 10 |
| Class & Variable Name | 10 | 10 |
| Proper Alignment | 10 | 10 |
| Unnecessary Spaces & Commented Code | 10 | 10 |
|  |  |  |  |  |
| Total | | | 90 | 90 |
| Understandability Score | | | 9 | |