Group : I’School

Name Members :

– Mohamad Ichwan Arrasid / 1301174580

– Ilham Muhamad Nizar / 1301174523

– Naufal Adi Nugroho / 1301174510

– I Putu Ananda Miarta Utama / 1301174616

– Muhamad Hafidh Nofal / 1301174494 l

**Clash Teacher inheritance of Clas suser**

Formula cyclomatic complexity = E – N + 2

where,

E = the number of edges in the control flow graph

N = the number of nodes in the control flow graph

1. viewInformation()

V(G) = 7-7+2 = 2

|  |  |
| --- | --- |
| Test Case Method: | View Information |
| Test Case Description: | View Information of User |
| Pre-Requisite: | Login |
| Post-Requisite: | NA |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Step #** | **Action** | **Inputs** | **Expected Output** | **Actual Output** | **Test Result (Pass/Fail/Not Executed/Suspended)** |
|
| 1 | Login | ID, Password and Role | Opening Homepage | Homepage | Pass |
| 2 | View Information |  | Information User | Information User Page | pass |

1. inputAttend()

V(G)=8-8+2=2

|  |  |
| --- | --- |
| Test Case Method: | Input Attend |
| Test Case Description: | Input Attend Student |
| Pre-Requisite: | Login as Teacher |
| Post-Requisite: | NA |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Step #** | **Action** | **Inputs** | **Expected Output** | **Actual Output** | **Test Result (Pass/Fail/Not Executed/Suspended)** |
|
| 1 | Login | ID, Password and Role | Opening Homepage | Homepage | Pass |
| 2 | Input Attend | Datetime, ID Student |  | Input Attend HomePage | pass |

1. inputMaterials()

V(G)=8-8+2

|  |  |
| --- | --- |
| Test Case Method: | Input Materials |
| Test Case Description: | Input Materials for Student |
| Pre-Requisite: | Login as Teacher |
| Post-Requisite: | NA |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Step #** | **Action** | **Inputs** | **Expected Output** | **Actual Output** | **Test Result (Pass/Fail/Not Executed/Suspended)** |
|
| 1 | Login | ID, Password and Role | Opening Homepage | Homepage | Pass |
| 2 | Input Materias | File |  | Input Materials Page | pass |

1. inputAssignment()

V(G)=8-8+2

|  |  |
| --- | --- |
| Test Case Method: | Input Assignment |
| Test Case Description: | Input Assignment for Student |
| Pre-Requisite: | Login as Teacher |
| Post-Requisite: | NA |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Step #** | **Action** | **Inputs** | **Expected Output** | **Actual Output** | **Test Result (Pass/Fail/Not Executed/Suspended)** |
|
| 1 | Login | ID, Password and Role | Opening Homepage | Homepage | Pass |
| 2 | Input Assignment | File |  | Input Assignment Page | pass |

1. inputGrade()

V(G)=8-8+2

|  |  |
| --- | --- |
| Test Case Method: | Input Grade |
| Test Case Description: | Input Grade for Student |
| Pre-Requisite: | Login as Teacher |
| Post-Requisite: | NA |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Step #** | **Action** | **Inputs** | **Expected Output** | **Actual Output** | **Test Result (Pass/Fail/Not Executed/Suspended)** |
|
| 1 | Login | ID, Password and Role | Opening Homepage | Homepage | Pass |
| 2 | Input Grade | ID Student, Index Grade |  | Input Grade Page | pass |

1. uploadAssignment()

V(G)=9-9+2=2

|  |  |
| --- | --- |
| Test Case Method: | Upload Assignment |
| Test Case Description: | Upload Assignemnt for Student |
| Pre-Requisite: | Login as Teacher |
| Post-Requisite: | NA |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Step #** | **Action** | **Inputs** | **Expected Output** | **Actual Output** | **Test Result (Pass/Fail/Not Executed/Suspended)** |
|
| 1 | Login | ID, Password and Role | Opening Homepage | Homepage | Pass |
| 2 | Upload Assignment | File Assignment |  | Upload Assignment Page | pass |

1. viewMaterials()

V(G)=7-7+2=2

|  |  |
| --- | --- |
| Test Case Method: | View Materials |
| Test Case Description: | See Materials Uploades by Teacher |
| Pre-Requisite: | Login as Teacher |
| Post-Requisite: | NA |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Step #** | **Action** | **Inputs** | **Expected Output** | **Actual Output** | **Test Result (Pass/Fail/Not Executed/Suspended)** |
|
| 1 | Login | ID, Password and Role | Opening Homepage | Homepage | Pass |
| 2 | View Materials | ID | Information of Materials | Materials view Page | pass |

1. viewGrade()

V(G)=7-7+2=2

|  |  |
| --- | --- |
| Test Case Method: | View Grade |
| Test Case Description: | View Grade Student |
| Pre-Requisite: | Login as Teacher |
| Post-Requisite: | NA |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Step #** | **Action** | **Inputs** | **Expected Output** | **Actual Output** | **Test Result (Pass/Fail/Not Executed/Suspended)** |
|
| 1 | Login | ID, Password and Role | Opening Homepage | Homepage | Pass |
| 2 | View Grade | ID | Information Grade Student | Information Grade Student Page | pass |