**Kompleksitas Siklomatis**

Rumus Kompleksitas Siklomatis

V(G) = E – N + 2, dan V(G) = P + 1

**Keseluruhan:**

Node (N) : 18

Edge (E) : 26

Predicate (P) : 9

V(G) = 26 – 18 + 2 = 10

V(G) = 9 + 1 = 10

|  |  |
| --- | --- |
| **Login:**  Node (N) : 6  Edge (E) : 7  Predicate (P) : 2  V(G) = 7 – 6 + 2 = 3  V(G) = 2 + 1 = 3 | **Absensi**  Node (N) : 9  Edge (E) : 11  Predicate (P) : 9  V(G) = 11 – 9 + 2 = 4  V(G) = 3 + 1 = 4 |

**Tabel jalur bebas**

**Keseluruhan**

|  |  |
| --- | --- |
| **Path** | **Indenpendent** |
| Path 1 | P1 - P2 - P7 - P10 - P12 - P18 |
| Path 2 | P1 - P2 - P7 - P13 - P14 - P18 |
| Path 3 | P1 - P2 - P7 - P15 - P16 - P17 - P18 |
| Path 4 | P1 - P2 - P4 - P5 - P18 |
| Path 5 | P1 - P2 - P4 - P6 - P18 |
| Path 6 | P1 - P3 - P8 -P11 -P18 |
| Path 7 | P1 - P3 - P9 - P12 - P18 |
| Path 8 | P1 - P3 - P9 - P14 - P18 |
| Path 9 | P1 - P3 - P9 - P16 - P17 - P18 |

|  |  |
| --- | --- |
| **Login** | **Absensi** |
| |  |  | | --- | --- | | **Path** | **Indenpendent** | | Path 1 | 1 – 2 – 4 – 6 | | Path 2 | 1 – 2 – 5 – 6 | | Path 3 | 1 – 3 – 2 – 4 – 6 | | Path 4 | 1 – 3 – 2 – 5 – 6 | | |  |  | | --- | --- | | **Path** | **Indenpendent** | | Path 1 | 1 – 2 – 3 – 6 – 7 – 9 | | Path 2 | 1 – 2 – 4 – 6 – 7 – 9 | | Path 3 | 1 – 2 – 5 – 6 – 7 – 9 | | Path 4 | 1 – 2 – 3 – 6 – 8 – 9 | | Path 5 | 1 – 2 – 4 – 6 – 8 – 9 | | Path 6 | 1 – 2 – 5 – 6 – 8 – 9 | |