



| plan | 0 | 1 | 2 | 3 |
|-------|-------|-------|-------|-------|
| a_0 | (0,0) | (1,0) | (2,0) | (3,0) |
| a_1 | (0,0) | (1,0) | (2,0) | (3,0) |
| a_2 | (0,0) | (1,0) | (2,0) | (3,0) |
| a_3 | (0,0) | (1,0) | (2,0) | (3,0) |

Table 1: Advancement in overthrow president hosni mubarak

$$spct_{i,j} = \begin{cases} 1, & \neg af(a_j, g_i) \wedge \neg gf(g_i) \\ 0, & af(a_j, g_i) \wedge \neg gf(g_i) \\ 0, & \neg af(a_j, g_i) \wedge gf(g_i) \end{cases} \quad (3)$$

$$spct_{i,j} = \begin{cases} 1, & \neg af(a_j, g_i) \wedge \neg gf(g_i) \\ 0, & af(a_j, g_i) \wedge \neg gf(g_i) \\ 0, & \neg af(a_j, g_i) \wedge gf(g_i) \end{cases} \quad (4)$$