

Decision Table Testing

Decision table for the detection alerts:

		Rule 1	Rule 2	Rule 3	Rule 4	Condition Entries (Rules)
Condition Stubs	C1. Closed eyes detected	T	T	F	F	
	C2. Yawn detected	T	F	T	F	
Action Stubs	A1. Closed Alert	X	X			Action Entries
	A2. Yawn Alert	X		X		

This decision table outlines the conditions and corresponding actions for the detection alerts in the system:

- Condition Stubs (C1 and C2):
 - C1 indicates whether closed eyes are detected.
 - C2 indicates whether yawning is detected.
- Condition Entries (Rules):
 - Rule 1: Both closed eyes and yawning are detected.
 - Rule 2: Closed eyes are detected, but yawning is not.
 - Rule 3: Yawning is detected, but eyes are not closed.
 - Rule 4: Neither closed eyes nor yawning is detected.
- Action Stubs (A1 and A2):
 - A1 triggers an alert for closed eyes.
 - A2 triggers an alert for yawning.
- Action Entries:
 - The “X” indicates which actions are triggered for each rule.
 - For example, in Rule 1, both actions (A1 and A2) are triggered because both conditions are true.