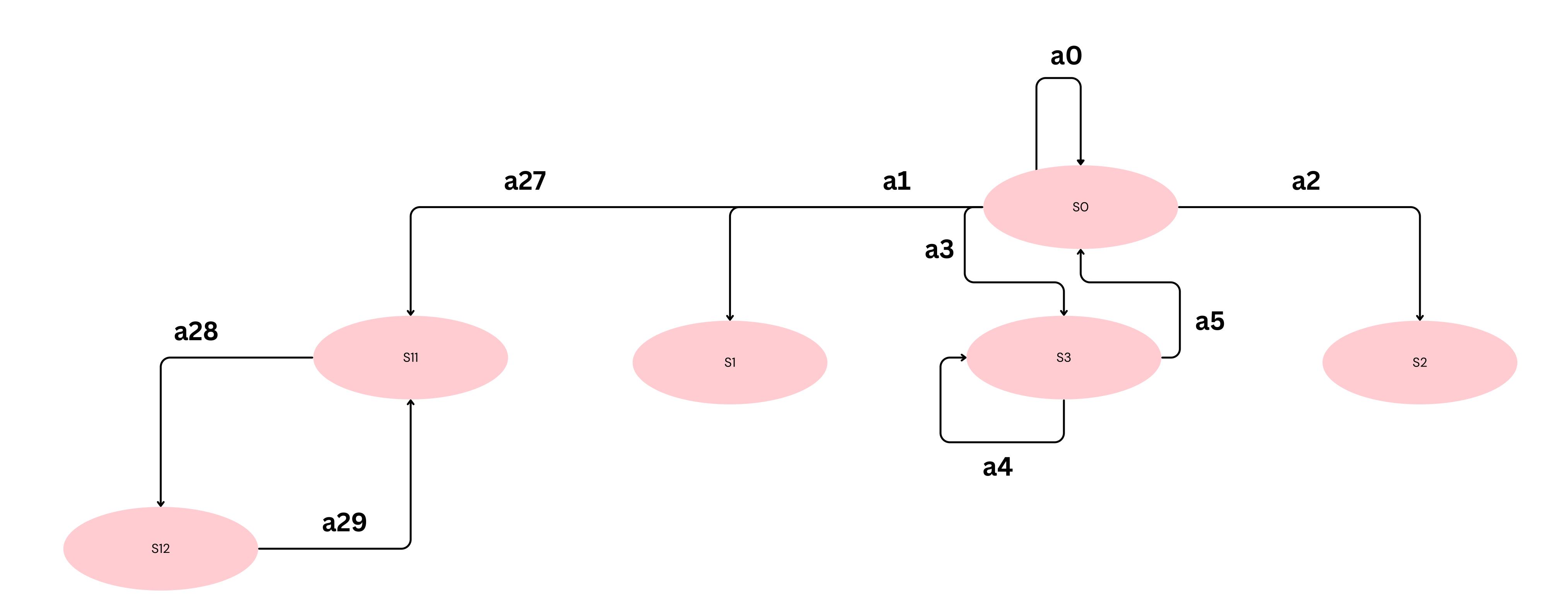
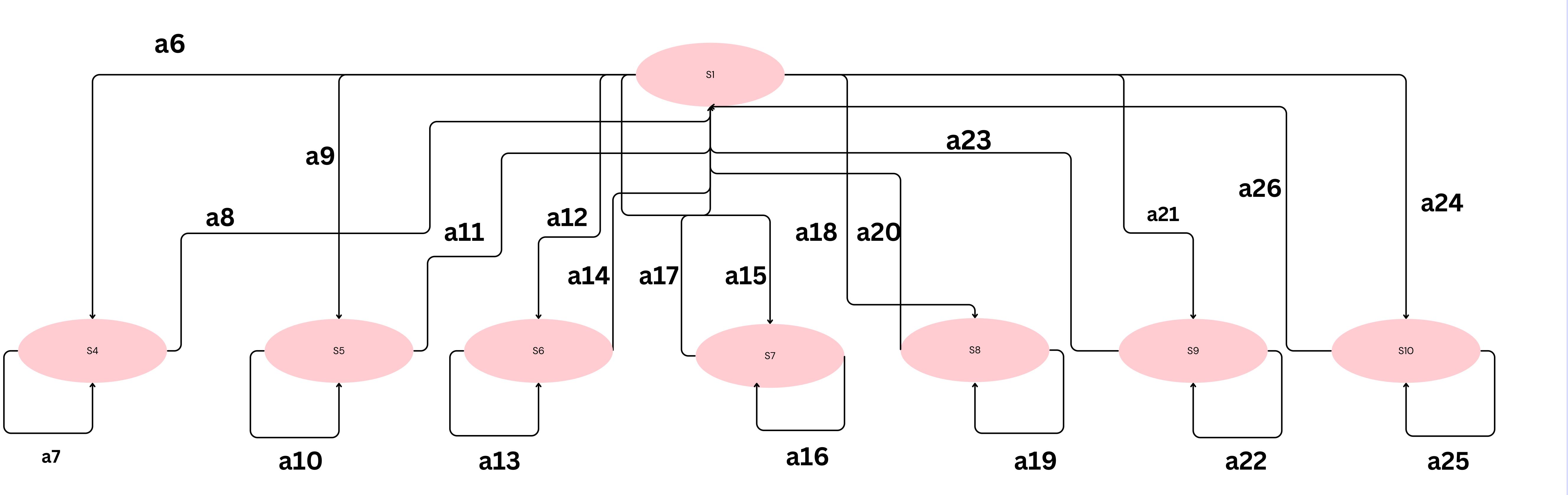
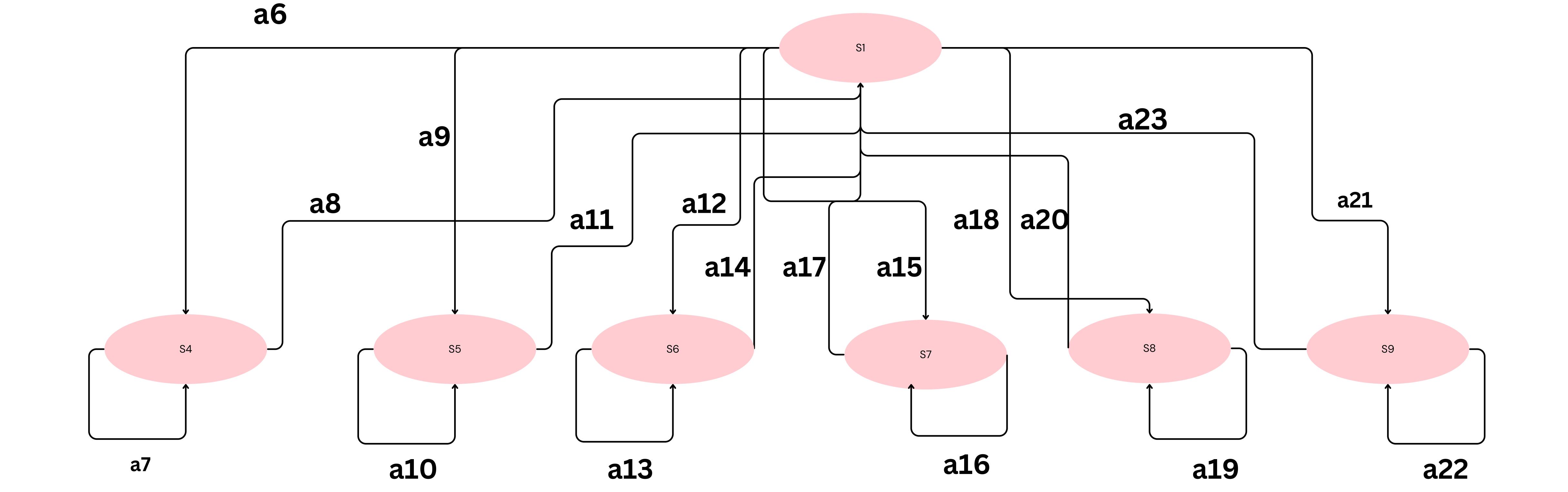
State Machine







States Description

- SO: Enter Password (Admin\User)
- **S1:** Correct Password (<u>Admin mode</u>)
- S2: Correct Password (<u>User mode</u>)
- **S3:** Buzzer On (<u>If password is entered</u> wrong more than 3 times)
- S4: LED1
- S5: LED2:
- S6: LED3
- S7: LED4
- S8: LED5
- S9: DIMMER
- S10: DOOR
- S11: AC
- a0: Enter password, as long count < 3
- a1: Correct admin password
- a2: Correct user password
- **a3:** Count = 3
- a4: Button is not pressed
- a5: Restart Button pressed
- a6: Turn on LED1
- a7: LED1 ON
- a8: LED1 OFF
- a9: TURN ON LED 2
- a10: LED2 ON
- a11: TURN OFF LED2
- a12: TURN ON LED3
- a13:LED3 ON
- a14: TURN OFF LED3
- a15: TURN ON LED 4
- a16: LED4 ON
- a17: TURN OFF LED 4
- a18: TURN ON LED 5
- a19: LED 5 ON
- a20: TURN OF LED 5
- a21: CONTROL VOLTAGE OF DIMMER
- a22: DIMMER ON WITH THE RESPCTED VOLTAGE
- a23: TURN OFF DIMMER
- a24: OPEN DOOR\
- a25: DOOR OPEN
- a26: CLOSE DOOR
- a27: AC TEMP SENSOR WORKS
- a28: TEMP>=28
- a29: TEMP < 28