Runner Mode

Guard Mode

Alarm Mode

Clock Mode

Yes

Choose

No

Show ROOMM8

Time and Temperature

No

Alarm: ON

Yes

Show ROOMM8

Set Alarm

Show ROOMM8

Time and Temperature

No

Function

Game ()

Yes

Alarm triggered: ON

Show “Try again!”

Game ()

Buzzer wakeup

Yes

Show "Have a nice day!"

Buzzer stop

Show “you're done!”

Yes

You pass all level

No

Function

adjust\_time\_function ()

Show “Adjust time”

Set Time

Function

Guard setup ()

display\_guard\_set ()

Yes

Val [1] == 1

Guard: ON

NO

Yes

Guard: OFF

Val [2] == 1

NO