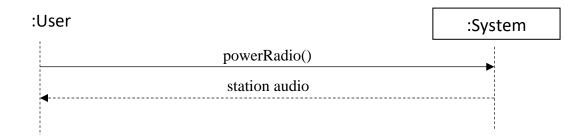
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TURN RADIO ON/OFF (MAIN SCENARIO)



Operation: powerRadio() **Responsibilities:** Turn on radio.

Use Cases: Turn Radio ON/OFF **Cross References:**

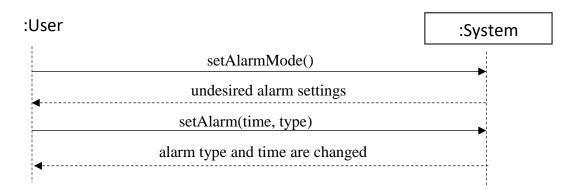
Preconditions: The radio is not playing

Postconditions: The radio is on (attribute modification)

Frequency and volume are retrieved from memory

(attribute modification)

SET ALARM (MAIN SCENARIO)



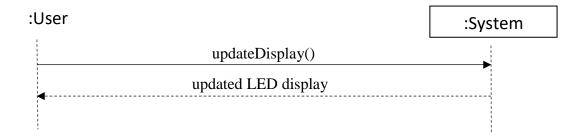
Operation: setAlarmMode() **Cross References:** Use Cases: Set Alarm

Preconditions: The alarm is set to an undesired time or not set at all. **Postconditions:** alarm.time is changed (attribute modification)

alarm.type is set (attribute modification)

Update LED Display

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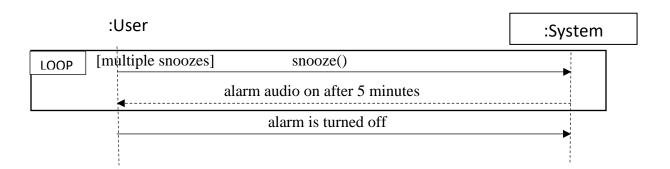
Operation: updateDisplay()

Cross References: Use Cases: Create a Working LED Display

Preconditions: The LED screen needs to be updated

Postconditions: - The display is updated (attribute modification)

Snooze Alarm



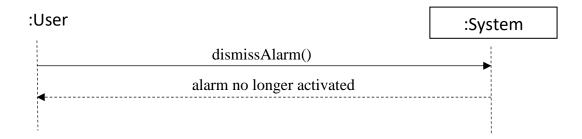
Operation: snooze()

Cross References: Use Cases: Pressing Snooze **Preconditions:** The alarm is on and activated

Postconditions: - A temporary five minute alarm is set.

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Dismiss Alarm



Operation: dismissAlarm()

Cross References: Use Cases: Pressing Dismiss Preconditions: The alarm is on and activated

Postconditions: - The alarm is no longer activated. (attribute modification)