**Sequence Diagrams**

**Scenario 1**

The following sequence diagram shows the first scenario of Digi-Smart Clock. When the touch sensor is touched by user touch sensor detect motion server goes up. GUI is presented on LCD screen and displayed the time, date, and weather.

ArduinoApp

User

RPi server

LCD Screen

Touch sensor

Server goes up

Aactivatedactivated

GUI is presented

Display: time, date, weather

**Scenario 2**

The following sequence diagram shows the second scenario of Digi-Smart Clock. When the user sets alarm time via Android App the RPi server receives the time. When the time is reached, RPi sends active buzzer request to Arduino then the Active buzzer will sound.

RPi server

Arduino App

Android App

User

Set alarm

Receives the alarm time

Buzzer sound, snooze button

Request to active buzzer