Angular Clock

Implemented two clocks, one analog and other digital using angular framework.
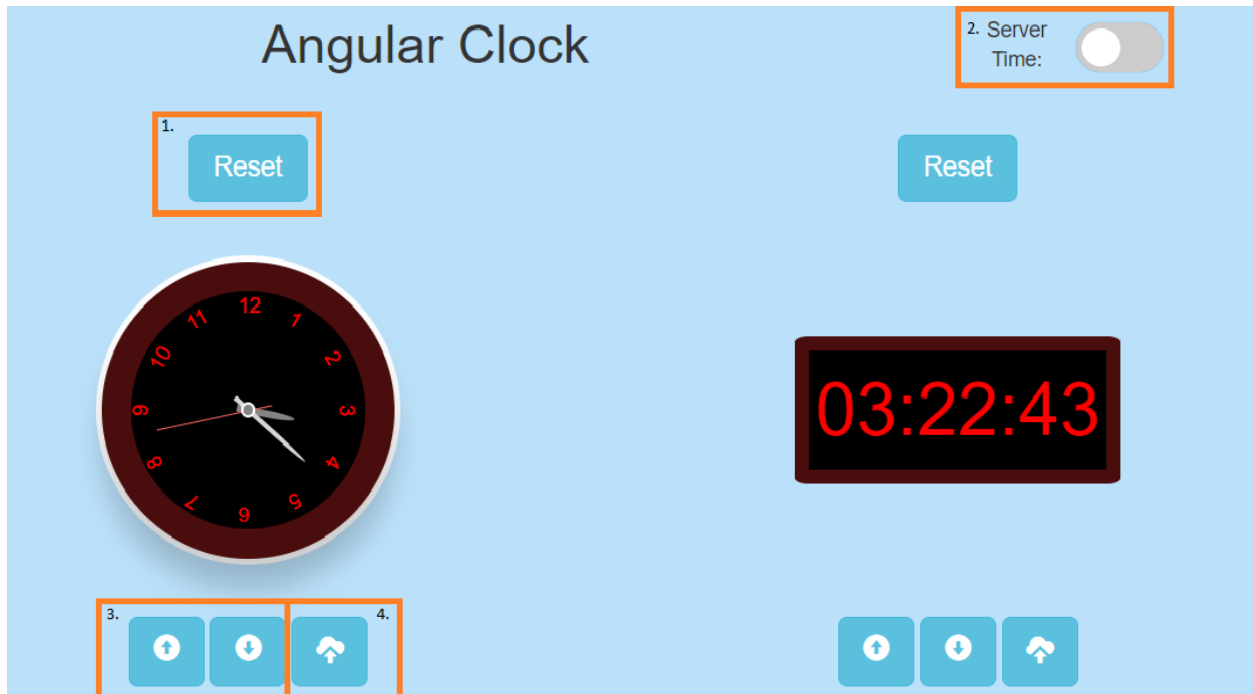
Features:

- Increment/decrement buttons to change time of each clock
- Sync buttons to synchronize time of one clock with the other
- 'Server Time' toggle button to switch between local (system time) and server time*
  (*API call - http://worldclockapi.com/api/json/utc/now)
- 'Reset' button on each clock to revert back to actual time
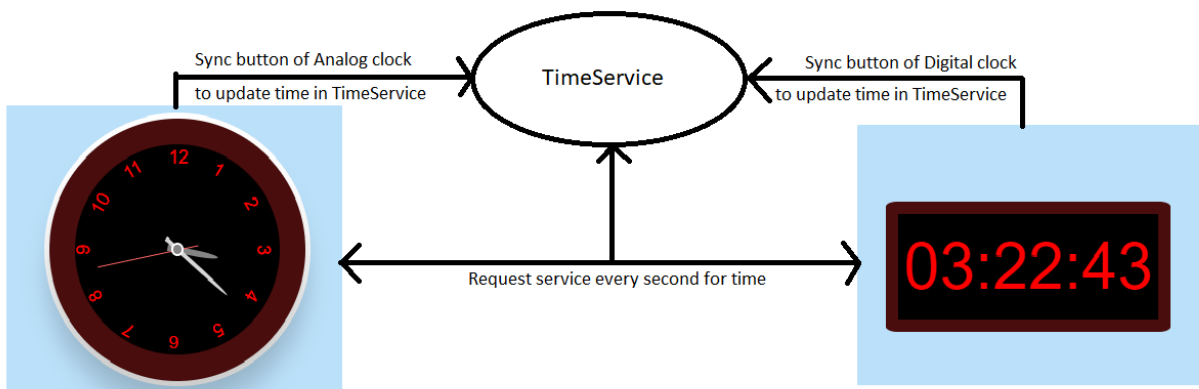- Responsive design to support various devices

Note:

- This application does not display 'seconds' information in **server time mode** as end point does **not** support the same.
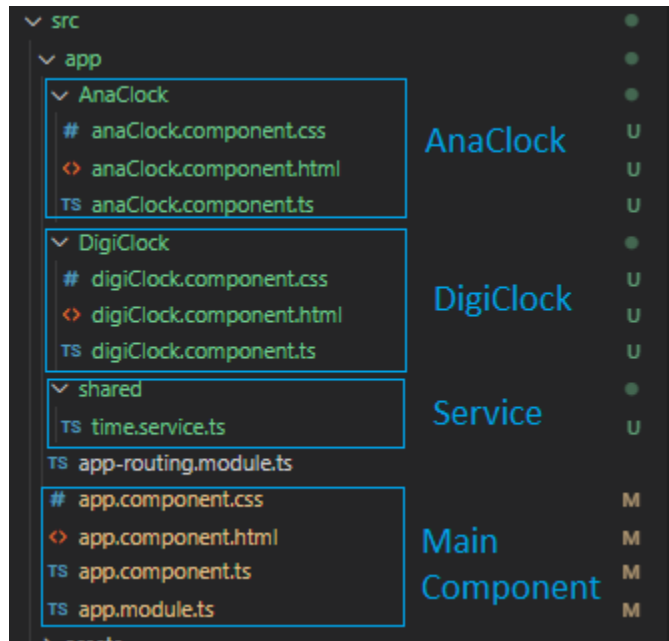
Controls of application

1. **Reset button:** Resets the time to its original time.

2. **Toggle button:** To switch between local time and time from URL:
   http://worldclockapi.com/api/json/utc/now

3. **Increment/Decrement button:** changes time by 1 minute.

4. **Sync button:** Syncs the other clock with it's time.

Workflow

Folder Structure

- **Main Component (app.component) =** Entry point which divides screen into 2 for analog and digital clock. Toggle button is present in this component.

- **Analog Clock (anaClock.component) =** Component responsible for display of analog clock and its controls.

- **Digital Clock (digiClock.component) =** Component responsible for display of digital clock and its controls.

- **Service (time.service) =** Responsible to make API call and to hold data that has to be shared between 2 clocks.