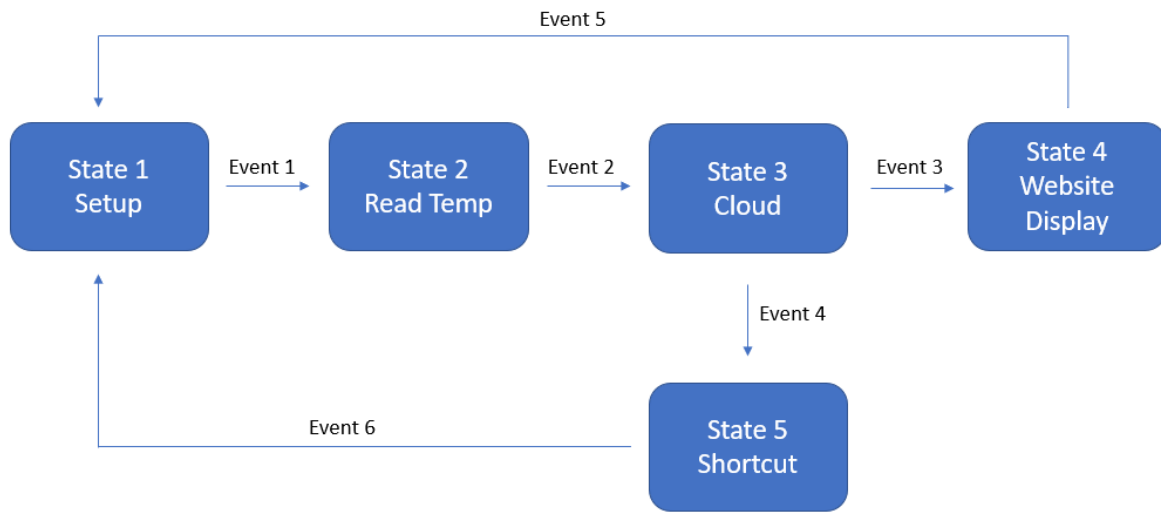


## State Diagram:



## State Table:

Present State	Event	Next State
State 1 - SetUp	Event 1	State 2 - Read Temp
State 2 - Read Temp	Event 2	State 3 - Cloud
State 3 - Cloud	Event 3	State 4 - Website Display
State 3 - Cloud	Event 4	State 5 - Shortcut
State 4 - Website Display	Event 5	State 1 - SetUp
State 5 - Shortcut	Event 6	State 1 - SetUp

- Setup: The ESP32 device and the temperature sensor are initialized, and serial communication is configured.
- Read Temperature: The temperature is read and stored.
- Cloud: The ESP32 device sends and receives the data to and from the cloud server.
- Website Display: Displays the temperature data on a screen.
- Shortcut: The cloud server receives queries from end users via voice assistants or the web interface, retrieves the appropriate data from the database and delivers the data.