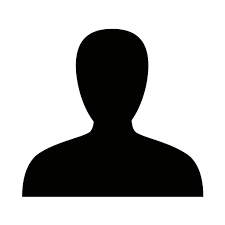
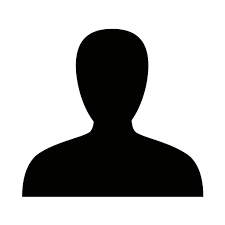
Back – End of the Web Application -Design

User loads the web page

User select the location to see weather details and press OK

Update Front End & Notify the User over extreme cases.

Update location select menu & load the summary Map



AJAX Request to get location data of sensors

JSON array of location details

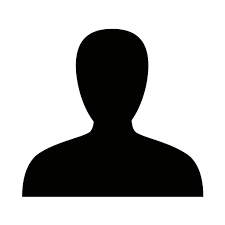
AJAX Request to initiate live weather summary data

Island wide summary details @ current time

**Long Polling**

Next AJAX request after summary response arrived

Summary response just after a CHANGE happen to DB



PHP

Server

DB

.txt

Next AJAX request after a data set arrived

New weather response just after a CHANGE happen to DB

Close all running PHP scripts & delete user data

AJAX Request to notify server, user close the page

User close the web page

Update Front End with Google Charts to show the variation details.

.txt

**Long Polling**

AJAX Request to initiate live weather data for location

Weather data for location