

## A. Program Python Raspberry

```
import time
import board
import busio
import RPi.GPIO as GPIO
import sys
import adafruit_ads1x15.ads1115 as ADS
from adafruit_ads1x15.analog_in import AnalogIn
from Adafruit_IO import Client, Feed, Data

ADAFRUIT_IO_KEY = 'efa65cd7ad1b4c00ac2ffb3675a173a8'
ADAFRUIT_IO_USERNAME = 'BangRio'

aio = Client('BangRio', 'efa65cd7ad1b4c00ac2ffb3675a173a8')

turbi = aio.feeds ('turbidity')
solenoid = aio.feeds ('solenoid')

GPIO.setmode(GPIO.BCM)
GPIO.setup(17, GPIO.OUT)
GPIO.output(17, 0)

i2c = busio.I2C(board.SCL, board.SDA)
ads = ADS.ADS1115(i2c)
chan = AnalogIn(ads, ADS.P0)

while True:
    voltage = 0.004888 * chan.voltage
    turbidity = -1120.4 * voltage * voltage + 5742.3 * voltage - 4352.9
    if turbidity is not None:
        print("{0:0.3f}".format(chan.voltage))
        aio.send_data('turbidity',turbidity)
        time.sleep(1)
        if turbidity < 1:
            aio.send_data('solenoid',1)
            print ('relay nyala')
            GPIO.output(17, GPIO.LOW)
            time.sleep(5)
            GPIO.output(17, GPIO.HIGH)
        else:
            aio.send_data('solenoid',0)
            print ('relay mati')
            GPIO.output(17, GPIO.HIGH)
    else:
        print ('gagal')
```

## Program Get Data adafruit.io sensor

### A. Ajax Sensor

```
var xmlhttp;
function sendTopic(topic, payload) {
if (window.XMLHttpRequest) {
// code for IE7+, Firefox, Chrome, Opera, Safari
xmlhttp = new XMLHttpRequest();
} else {
// code for IE6, IE5
xmlhttp = new ActiveXObject("Microsoft.XMLHTTP");
}

xmlhttp.onreadystatechange = function() {
if (this.readyState == 4 && this.status == 200) {
console.log("Ready Statte "+topic+" dengan value "+payload);
}
};
var url = "transactionLog.php?topic="+topic+"&payload="+payload;
xmlhttp.open("GET",url,true);
xmlhttp.send();
console.log("Hasilnya keambil "+topic+" dengan value "+payload);
}
```

### B. Model Sensor

```
<?php
class ModelTransactionLog{
private $con;
function __construct(){
require_once
dirname(__FILE__).'/../conf/DbConnection.php';
$db = new DbConnection();
$this->con = $db->connect();
}
function insertData($topic, $value){
$stmt = $this->con->prepare("insert into
log_turbidity(topic_name, Value, create_date) values (?,?,sysdate());");
$stmt->bind_param("si",$topic, $value);
if($stmt->execute()){
return true;
}else{
return false;
}
}
public function viewAllData(){
$stmt = $this->con->prepare("select * from device");
$stmt->execute();
return $stmt->get_result();
}
}
```

### C. Transaction log Sensor

```
<?php
require_once 'ModelTransactionLog.php';
$response = array();
if($_SERVER['REQUEST_METHOD'] == 'GET'){
    if(
        isset($_GET['topic']) and
        isset($_GET['payload'])
    ){
        $db = new ModelTransactionLog();
        if($db->insertData(
            $_GET['topic'],
            $_GET['payload']
        )){
            $response['error'] = false;
            $response['message'] = 'Insert Data Success';
        }else{
            $response['error'] = true;
            $response['message'] = 'Insert Data Failed, Check
Again';
        }
    }else{
        $response['error'] = true;
        $response['message'] = 'Data not completed';
    }
}else{
    $response['error'] = true;
    $response['message'] = 'Invalid Request Please Check Again';
}
echo json_encode($response);
```

### D. Ajax Relay

```
var xmlhttp;
function sendTopic(topic, payload) {
if (window.XMLHttpRequest) {
// code for IE7+, Firefox, Chrome, Opera, Safari
xmlhttp = new XMLHttpRequest();
} else {
// code for IE6, IE5
xmlhttp = new ActiveXObject("Microsoft.XMLHTTP");
}
xmlhttp.onreadystatechange = function() {
if (this.readyState == 4 && this.status == 200) {
console.log("Ready Statte "+topic+" dengan value "+payload);
}
};
var url = "transactionLog2.php?topic="+topic+"&payload="+payload;
xmlhttp.open("GET",url,true);
xmlhttp.send();
```

```

        console.log("Hasilnya keambil "+topic+" dengan value "+payload);
    }
}
E. Model Relay
<?php
    class ModelTransactionLog2{
        private $con;
        function __construct(){
            require_once
dirname(__FILE__).'../conf/DbConnection.php';
            $db = new DbConnection();

            $this->con = $db->connect();
        }
        function updateData($topic, $value){
            $stmt = $this->con->prepare("update log_selenoid set
            value=? where trim(topic_name) =
            SUBSTRING_INDEX(trim(?),'',-1);");
            $stmt->bind_param("is",$value, $topic);
            if($stmt->execute()){
                return true;
            }else{
                return false;
            }
        }
        public function viewAllData(){
            $stmt = $this->con->prepare("select case when Value = 1
            then 'ON' else 'OFF' end as Value from log_selenoid");
            $stmt->execute();
            return $stmt->get_result();
        }
        public function viewActiveTopic(){

            $stmt = $this->con->prepare("select * from device where
flag = 'A'");
            $stmt->execute();
            return $stmt->get_result();
        }
    }
}

```

### **F. Transaction log Relay**

```

<?php
    require_once 'ModelTransactionLog2.php';
    $response = array();
    if($_SERVER['REQUEST_METHOD'] == 'GET'){
        if(
            isset($_GET['topic']) and
            isset($_GET['payload'])
        ){
            $db = new ModelTransactionLog2();

```

```

        if($db->updateData(
                                $_GET['topic'],
                                $_GET['payload']
                                )){
            echo "3";
        }else{
            $response['error'] = true;
            $response['message'] = 'Insert Data Failed, Check
Again';
            echo "4";
        }

    }else{
        $response['error'] = true;
        $response['message'] = 'Data not completed';
        echo "5";
    }
    echo json_encode($response);
}else{
    $response['error'] = true;
    $response['message'] = 'Data not Posted';
    echo json_encode($response);
}
}

```

## G. Login

```

<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Smart WTP OS - Login</title>
    <link href="css/bootstrap.min.css" rel="stylesheet">
    <link href="css/datepicker3.css" rel="stylesheet">
    <link href="css/styles.css" rel="stylesheet">
    <!--[if lt IE 9]>
    <script src="js/html5shiv.js"></script>
    <script src="js/respond.min.js"></script>
    <![endif]-->
</style type="text/css">
body {
background-color:black;
background-image:url(wtp.jpg);
}
</style>
</head>
<body>
    <div class="row">
        <div class="col-xs-10 col-xs-offset-1 col-sm-8 col-sm-offset-2 col-
md-4 col-md-offset-4">

```

```

<div class="login-panel panel panel-default">
  <div class="panel-heading" >Smart WTP OS –
  Login
  </div>
  <div class="panel-body">
    <form role="form"
    action="login.php" method="post"
    onSubmit="return validasi()">
    <fieldset>
      <div class="form-group">
        <input class="form-
        control"
        placeholder="usernam
        e" name="username"
        id="username"
        type="username"/>
      </div>
      <div class="form-group">
        <input class="form-
        control"
        placeholder="Passwor
        d" name="password"
        id="password" type="
        password" value="">
      </div>
      <div class="checkbox">
        <label>
          <input
          name="remember"
          type="checkbox"
          value="Remember
          Me">Remember Me
        </label>
      </div>
      <div>
        <label>
          <input
          class="btn btn-
          primary"
          type="submit"
          value="Login"
          class="tombol
          ">
        </label>
      </div>
    </fieldset>
  </form>
</div>

```

```

        </div>
    </div><!-- /.col-->
</div><!-- /.row -->

<script src="js/jquery-1.11.1.min.js"></script>
    <script src="js/bootstrap.min.js"></script>
</body>
</html>

```

## H. Model Login

```

<?php

/**
 *
 */
class Model_login
{
    private $con;
    function __construct()
    {
        require_once
dirname(__FILE__).'/conf/DbConnection.php';

        $db = new DbConnection();

        $this->con = $db->connect();
    }

    public function checkData($username,$password){

        $stmt = $this->con->prepare("select * from user where
username = ? and password = ?");
        $stmt->bind_param("ss",$username,$password);
        $stmt->execute();
        $stmt->store_result();
        return $stmt->num_rows > 0;
    }

    public function getData($username){
        $stmt = $this->con->prepare("select * from user where
username = ? ");
        $stmt->bind_param("s",$username);
        $stmt->execute();
        return $stmt->get_result()->fetch_assoc();
    }
}

```

```
}
```

## I. Transaction PHP Login

```
<?php
    require_once 'Model_login.php';
    $response = array();
    if($_SERVER['REQUEST_METHOD'] == 'POST'){

        if(
            isset($_POST['username']) and //ini sesuaikan dengan yang
di form login.html
            isset($_POST['password'])
        ){
            $db = new Model_login();

            if($db->checkData($_POST['username'],
$_POST['password'])){

                $username = $db->getData($_POST['username']);

                header("Location: index.html
            }else{
                $response['error'] = true;
                $response['message'] = 'Insert Data Failed, Check
Again';
            }

        }else{
            $response['error'] = true;
            $response['message'] = 'Data not completed';
        }
    }else{
        $response['error'] = true;
        $response['message'] = 'Invalid Request Please Check Again';
    }
}
```

## J. Dashboard

```
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Smart WTPOS</title>
    <link href="css/bootstrap.min.css" rel="stylesheet">
    <link href="css/font-awesome.min.css" rel="stylesheet">
    <link href="css/datepicker3.css" rel="stylesheet">
    <link href="css/styles.css" rel="stylesheet">

    <!--Custom Font-->
```



```

    <link
href="https://fonts.googleapis.com/css?family=Montserrat:300,300i,400,400i,500,
500i,600,600i,700,700i" rel="stylesheet">
    <!--[if lt IE 9]>
    <script src="js/html5shiv.js"></script>
    <script src="js/respond.min.js"></script>
    <![endif]-->
</head>
<body>
    <nav class="navbar navbar-custom navbar-fixed-top" role="navigation">
        <div class="container-fluid">
            <div class="navbar-header">
                <button type="button" class="navbar-toggle
collapsed" data-toggle="collapse" data-target="#sidebar-collapse"><span
class="sr-only">Toggle navigation</span>
                    <span class="icon-bar"></span>
                    <span class="icon-bar"></span>
                    <span class="icon-bar"></span></button>
                <a class="navbar-brand"
href="index.html"><span>Smart WTP</span>OS</a>
                <ul class="nav navbar-top-links navbar-right">
                </ul>
            </div>
        </div><!-- /.container-fluid -->
    </nav>
    <div id="sidebar-collapse" class="col-sm-3 col-lg-2 sidebar">
        <div class="profile-sidebar">
            <div class="profile-userpic">
                
            </div>
            <div class="profile-usertitle">
                <div class="profile-usertitle-name"><em class="fa
fa-u">&nbsp;</em>Admin</div>
                <div class="profile-usertitle-status"><span
class="indicator label-success"></span>Online</div>
            </div>
            <div class="clear"></div>
        </div>
        <div class="divider"></div>
        <form role="search">
            <div class="form-group">
                <input type="text" class="form-control"
placeholder="Search">
            </div>
        </form>
        <ul class="nav menu">

```

```

        <li class="active"><a href="index.html"><em class="fa fa-
home">&nbsp;</em> Home</a></li>
        <li><a href="table_sensor.html"><em class="fa fa-
plug">&nbsp;</em> Sensor Status</a></li>
        <li><a href="table_register.html"><em class="fa fa-user-
plus">&nbsp;</em> Register</a></li>
        <li><a href="login.html"><em class="fa fa-user-
o">&nbsp;</em> Logout</a></li>
    </ul>
</div><!--/.sidebar-->

```

```

<div class="col-sm-9 col-sm-offset-3 col-lg-10 col-lg-offset-2 main">
    <div class="row">
        <ol class="breadcrumb">
            <li><a href="#">
                <em class="fa fa-home"></em>
            </a></li>
            <li class="active">Dashboard</li>
        </ol>
    </div><!--/.row-->

```

```

<div class="row">
    <div class="col-lg-12">
        <h1 class="page-header">Dashboard</h1>
    </div>
</div><!--/.row-->

```

```

<div class="row">
    <div class="col-xs-6 col-md-3">
        <div class="panel panel-default">
            <div class="panel-body easypiechart-
panel">

```

```

                <h4>NTU</h4>
                <div class="easypiechart"
id="easypiechart-blue" data-percent="100" ><span class="percent">
                <?php
                include "Model_sensor.php";

```

```

                    $db = new Model_sensor();

                    $data = $db-
>viewLastDataTurbidity();

```

```

                    $result = $data->fetch_assoc();

                    echo $ntu = $result['Value'];

```

```

                ?>

```

```

        </span></div>
    </div>
</div>
<div class="col-xs-6 col-md-3">
    <div class="panel panel-default">
        <div class="panel-body easypiechart-
panel">
            <h4>Valve Status</h4>
            <div class="easypiechart"
id="easypiechart-orange" data-
percent="100" ><span class="percent">
<?php
("library2/ModelTransactionLog2.php");
$db = new ModelTransactionLog2;
$selenoid = $db->viewAllData();
$resultSelenoid = $selenoid-
>fetch_assoc();
echo $valve =
$resultSelenoid['Value'];
?>
</span></div>
</div>
</div>
</div>
<div class="row">
<div class="col-md-12">
    <div class="panel panel-default">
        <div class="panel-heading">
            NTU
            <span class="pull-right clickable
panel-toggle panel-button-tab-
left"><em class="fa fa-toggle-
up"></em></span>
        </div>
        <div class="panel-body">
            <div class="canvas-wrapper">
                <canvas class="main-chart"
id="line-chart" height="200"
width="600"></canvas>
            </div>
        </div>
    </div>
</div>
</div>

```

```

        </div>
    </div><!--/.row-->
    <div class="col-sm-12">
        <p class="back-link">Lumino Theme by <a
            href="https://www.medialoot.com">Medialoot</a>
        </p>
    </div>
</div><!--/.row-->
</div> <!--/.main-->

```

```

<script src="js/jquery-1.11.1.min.js"></script>
<script src="js/bootstrap.min.js"></script>
<script src="js/chart.min.js"></script>
<script src="js/chart-data.js"></script>
<script src="js/easypiechart.js"></script>
<script src="js/easypiechart-data.js"></script>
<script src="js/bootstrap-datepicker.js"></script>
<script src="js/custom.js"></script>
<script>
    window.onload = function () {
    var chart1 = document.getElementById("line-chart").getContext("2d");
    window.myLine = new Chart(chart1).Line(lineChartData, {
    responsive: true,
    scaleLineColor: "rgba(0,0,0,.2)",
    scaleGridLineColor: "rgba(0,0,0,.05)",
    scaleFontColor: "#c5c7cc"
    });
};
</script>

</body>
</html>

```

### **K. Register User**

```

<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Smart WTPOS</title>
    <link href="css/bootstrap.min.css" rel="stylesheet">
    <link href="css/font-awesome.min.css" rel="stylesheet">
    <link href="css/datepicker3.css" rel="stylesheet">
    <link href="css/styles.css" rel="stylesheet">

    <!--Custom Font-->

```

```

    <link
href="https://fonts.googleapis.com/css?family=Montserrat:300,300i,400,400i,500,
500i,600,600i,700,700i" rel="stylesheet">
    <!--[if lt IE 9]>
    <script src="js/html5shiv.js"></script>
    <script src="js/respond.min.js"></script>
    <![endif]-->
</head>
<body>
    <nav class="navbar navbar-custom navbar-fixed-top" role="navigation">
        <div class="container-fluid">
            <div class="navbar-header">
                <button type="button" class="navbar-toggle
collapsed" data-toggle="collapse" data-target="#sidebar-collapse"><span
class="sr-only">Toggle navigation</span>
                <span class="icon-bar"></span>
                <span class="icon-bar"></span>
                <span class="icon-bar"></span></button>
                <a class="navbar-brand"
href="index.html"><span>Smart WTP</span>OS</a>
                <ul class="nav navbar-top-links navbar-right">
                </ul>
            </div>
        </div><!-- /.container-fluid -->
    </nav>
    <div id="sidebar-collapse" class="col-sm-3 col-lg-2 sidebar">
        <div class="profile-sidebar">
            <div class="profile-userpic">
                
            </div>
            <div class="profile-usertitle">
                <div class="profile-usertitle-name"><em class="fa
fa-u">&nbsp;</em>Admin</div>
                <div class="profile-usertitle-status"><span
class="indicator label-success"></span>Online</div>
            </div>
            <div class="clear"></div>
        </div>
        <div class="divider"></div>
        <form role="search">
            <div class="form-group">
                <input type="text" class="form-control"
placeholder="Search">
            </div>
        </form>
        <ul class="nav menu">

```

```

        <li><a href="index.html"><em class="fa fa-
home">&nbsp;</em> Home</a></li>
        <li><a href="table_sensor.html"><em class="fa fa-
plug">&nbsp;</em> Sensor Status</a></li>
        <li class="active"><a href="table_register.html"><em
class="fa fa-user-plus">&nbsp;</em> Register</a></li>
        <li><a href="login.html"><em class="fa fa-user-
o">&nbsp;</em> Logout</a></li>
    </ul>
</div><!--.sidebar-->

<div class="col-sm-9 col-sm-offset-3 col-lg-10 col-lg-offset-2 main">
    <div class="row">
        <ol class="breadcrumb">
            <li><a href="#">
                <em class="fa fa-user-plus"></em>
            </a></li>
            <li class="active">Table Register</li>
        </ol>
    </div><!--.row-->

    <div class="row">
        <div class="col-lg-12">
            <h1 class="page-header">Table Register</h1>
        </div>
    </div><!--.row-->
    <div class="panel panel-default">
        <div class="panel-heading">Register</div>
        <div class="panel-body">
            <div class="col-md-6">
                <form
action="table_register.php" method="POST">
                    <div class="form-
group">
                        <label>Username</label>
                            <input
class="form-control" placeholder="Your Username" name="username"
id="inputusername">
                                </div>
                            <div class="form-
group">
                                <label>Name</label>
                                    <input
class="form-control" placeholder="Your Name" name="nama" id="inputnama">
                                        </div>

```

```

group">
    <label>Email</label>
    <input
class="form-control" placeholder="@email.com" name="email"
id="inputemail">
    </div>
    <div class="form-
group">
        <label>Birth
Date</label>
        <input
class="form-control" placeholder="Your Birth Date" name="birth_date"
id="inputbirth_date">
        </div>
    <div class="form-group" >
        <label>Otorisasi</label>
        <select
class="form-control" name="otorisasi" id="inputotorisasi">
            <option>superuser</option>
            <option>user</option>
        </select>
        </div>
    <div class="form-
group">
        <label>Password</label>
        <input
type="password" class="form-control" placeholder="Input Password"
name="password" id="inputpassword">
        </div>
    <div
class="formgroup">
        <label>Retype
Password</label>
        <input
type="password"
class="form-
control"
placeholder="
Retype
Password"
name="retype"

```

```

        id="inputretype"
    e">
</div>
<button
type="submit"
value=Submit
class="btn btn-
primary">
Submit</button>
<button type="reset"
class="btn btn-
default">
Reset</button>
</form>
<div class="form-group">
</div>
<div class="col-sm-12">
<p class="back-
link">Lumino Theme by <a
href="https://www.medialoot.
com">Medialoot</a></p>
</div>
</div><!--/.row-->
</div> <!--/.main-->
<script src="js/jquery-1.11.1.min.js"></script>
<script src="js/bootstrap.min.js"></script>
<script src="js/chart.min.js"></script>
<script src="js/chart-data.js"></script>
<script src="js/easypiechart.js"></script>
<script src="js/easypiechart-data.js"></script>
<script src="js/bootstrap-datepicker.js"></script>
<script src="js/custom.js"></script>
<script>
    window.onload = function () {
    var chart1 = document.getElementById("line-chart").getContext("2d");
    window.myLine = new Chart(chart1).Line(lineChartData, {
    responsive: true,
    scaleLineColor: "rgba(0,0,0,.2)",
    scaleGridLineColor: "rgba(0,0,0,.05)",
    scaleFontColor: "#c5c7cc"
    });
};
</script>
</body>
</html>

```

## L. Model Register



```

<?php

/**
 *
 */
class Model_register
{
    private $con;

    function __construct()
    {
        require_once
dirname(__FILE__).'/conf/DbConnection.php';

        $db = new DbConnection();

        $this->con = $db->connect();
    }

    public function
insertData($username,$nama,$email,$birth_date,$otorisasi,$password){
        $birth_date=date($birth_date);
        $stmt = $this->con->prepare("insert into user(id, username,
nama, email, birth_date, otorisasi, password) values (NULL,?,?,?,?,?);");
        $stmt-
>bind_param("sssss",$username,$nama,$email,$birth_date,$otorisasi,$password
);
        if($stmt->execute()){
            return true;
        }else{
            return false;
        }
    }
    public function viewAllData(){
        $stmt = $this->con->prepare("select * from users");
        $stmt->execute();
        return $stmt->get_result();
    }
}

```

#### **M. Transaction Log Register**

```

<?php
require_once 'Model_register.php';
$response = array();
if($_SERVER['REQUEST_METHOD'] == 'POST'){
    if(
        isset($_POST['username']) and
        isset($_POST['nama']) and
        isset($_POST['email']) and

```



```

<!--[if lt IE 9]>
<script src="js/html5shiv.js"></script>
<script src="js/respond.min.js"></script>
<![endif]-->
</head>
<body>
  <nav class="navbar navbar-custom navbar-fixed-top" role="navigation">
    <div class="container-fluid">
      <div class="navbar-header">
        <button type="button" class="navbar-toggle
collapsed" data-toggle="collapse" data-target="#sidebar-collapse"><span
class="sr-only">Toggle navigation</span>
          <span class="icon-bar"></span>
          <span class="icon-bar"></span>
          <span class="icon-bar"></span></button>
        <a class="navbar-brand"
href="index.html"><span>Smart WTP</span>OS</a>
        <ul class="nav navbar-top-links navbar-right">
          </ul>
      </div>
    </div><!-- /.container-fluid -->
  </nav>
  <div id="sidebar-collapse" class="col-sm-3 col-lg-2 sidebar">
    <div class="profile-sidebar">
      <div class="profile-userpic">
        
      </div>
      <div class="profile-username">
        <div class="profile-username-name"><em class="fa
fa-u">&nbsp;</em>Admin</div>
        <div class="profile-username-status"><span
class="indicator label-success"></span>Online</div>
      </div>
      <div class="clear"></div>
    </div>
    <div class="divider"></div>
    <form role="search">
      <div class="form-group">
        <input type="text" class="form-control"
placeholder="Search">
      </div>
    </form>
    <ul class="nav menu">
      <li><a href="index.html"><em class="fa fa-
home">&nbsp;</em> Home</a></li>
      <li class="active"><a href="table_sensor.html"><em
class="fa fa-plug">&nbsp;</em> Sensor Status</a></li>

```

```

        <li><a href="table_register.html"><em class="fa fa-user-
plus">&nbsp;</em> Register</a></li>
        <li><a href="login.html"><em class="fa fa-user-
o">&nbsp;</em> Logout</a></li>
    </ul>
</div><!--/.sidebar-->

```

```

<div class="col-sm-9 col-sm-offset-3 col-lg-10 col-lg-offset-2 main">
    <div class="row">
        <ol class="breadcrumb">
            <li><a href="#">
                <em class="fa fa-home"></em>
            </a></li>
            <li class="active">Table Sensor</li>
        </ol>
    </div><!--/.row-->

```

```

<div class="row">
    <div class="col-lg-12">
        <h1 class="page-header">Table Sensor</h1>
    </div>
</div><!--/.row-->

```

```

<div>

```

```

        <table class="table">
            <thead>
                <tr class="filters">
                    <th><input type="text" class="form-control" placeholder="#"
disabled></th>
                    <th><input type="text" class="form-control" placeholder="Time"
disabled></th>
                    <th><input type="text" class="form-control" placeholder="Topic"
disabled></th>
                    <th><input type="text" class="form-control" placeholder="Value"
disabled></th>
                </tr>
            </thead>
            <tbody>
                <?php
                    include "Model_sensor.php";

```

```

                    $db = new Model_sensor();

```

```

                    $data = $db->viewAllData();

```

```

                    $no = 1;

```

```

                                while($result = $data-
>fetch_assoc()){
                                ?>
                                <tr>
                                <td><?php echo $no; ?></td>
                                <td><?php echo $result['create_date']; ?></td>
                                <td><?php echo $result['topic_name']; ?></td>
                                <td><?php echo $result['Value']; ?></td>
                                </tr>
                                <?php $no++; } ?>
                                </tbody>
                                </table>
                                </div>
                                <div class="col-sm-12">
                                <p class="back-link">Lumino Theme by <a
href="https://www.medialoot.com">Medialoot</a></p>
                                </div>
                                </div><!--/.row-->
                                </div> <!--/.main-->
                                <script src="js/jquery-1.11.1.min.js"></script>
                                <script src="js/bootstrap.min.js"></script>
                                <script src="js/chart.min.js"></script>
                                <script src="js/chart-data.js"></script>
                                <script src="js/easypiechart.js"></script>
                                <script src="js/easypiechart-data.js"></script>
                                <script src="js/bootstrap-datepicker.js"></script>
                                <script src="js/custom.js"></script>
                                <script>
                                window.onload = function () {
                                var chart1 = document.getElementById("line-chart").getContext("2d");
                                window.myLine = new Chart(chart1).Line(lineChartData, {
                                responsive: true,
                                scaleLineColor: "rgba(0,0,0,.2)",
                                scaleGridLineColor: "rgba(0,0,0,.05)",
                                scaleFontColor: "#c5c7cc"
                                });
                                };
                                </script>
                                </body>
                                </html>

```