

# 메인 화면 index.html

메인 화면 index.html

```
{% extends "base.html" %}

{% block content %}
<div class="container">
  <center>
    Submarine 0.1
  </center>
  <form name="frm">
    <table>
      <tr>
        <td colspan=3>
          Temperature = <span id="temperature"> 내부 온도 </span>
        </td>
      </tr>
      <tr>
        <td colspan=3>
          메시지:<span id="resultmessage">...</span><br><BR>
          <input type="button" value="VideoStatus" id="btnVideoStatus" /> Video
          Status=<span id="videostatus">STARTING</span>
          <audio autoplay controls>
            <source src="http://web.kkorack.com:19080/out.mp3" type="audio/mp3">
          </audio>
          <BR>
        </td>
      </tr>
      <tr>
        <td>
          <table>
            <tr>
              <td></td>
              <td><input type="button" value=" LIGHT ON " id="btnLightOn" />
            </tr>
            <tr>
              <td><br><br><br></td>
            </tr>
            <tr>
              <td></td>
              <td><input type="text" id="moveFBLFCnt" maxlength="5" size="5"
value=1 />
            </tr>
            <tr>
              <td><br><br><br></td>
            </tr>
            <tr>
              <td></td>
            </tr>
          </table>
        </td>
      </tr>
    </table>
  </form>
</div>
</block content %}
```

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        <td><center><input type="button" value=" ^ " id="btnForward" /
></center></td>
        <td></td>
</tr>
<tr>
    <td><input type="button" value=" < " id="btnLeft" /></td>
    <td></td>
    <td><input type="button" value=" > " id="btnRight" /></td>
</tr>
<tr>
    <td></td>
    <td><center><input type="button" value=" v "
id="btnBackward" /></center></td>
    <td></td>
</tr>
</table>
</td>
<td>
    
</td>
<td>
    <table>
        <tr>
            <td colspan=3>
                <input type="button" value="SubmarineStatus"
id="btnSubmStatus" /> Submarine Status=<span id="submstatus">STOPED</span><br>
                
                <br>
                <span id="communicationlevel"> 통신 정보 </span><br>통신이 중지되
면 부상
            </td>
        </tr>
</tr>
<tr>
    <td colspan=3>
        <input type=text id="moveCnt" maxlength="5" size="5"
value=1 />
    </td>
</tr>
</tr>
<tr>
    <td></td>
    <td><input type="button" value=" UP " id="btnFloating" /></td>
    <td></td>
</tr>
<tr>
    <td></td>
    <td><input type="button" value=" DOWN " id="btnDiving" /></td>
    <td></td>
</tr>
</table>

```

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        </td>
    </tr>
    <tr>
        <td colspan=3>
            <span id="alertmessage"> 알림 메시지 </span><br>
        </td>
    </tr>
</table>
</form>
</div>
<script type="text/javascript">

var tempId = null;
tempId = setInterval(getTemperatureFunc, 1000*60);
var commCheck = null;
commCheck = setInterval(getCommStatus, 1000*30);
//clearInterval(timerId);

function getTemperatureFunc() {
    var fName = "/temperature";
    xhr1 = new XMLHttpRequest();
    xhr1.open("get", fName, true);
    xhr1.onreadystatechange = function() {
        if (xhr1.readyState == 4) {
            if (xhr1.status == 200) {
                document.getElementById("temperature").innerHTML =
xhr1.responseText;
            } else {
                document.getElementById("temperature").innerHTML = "
temperature ERROR : " + xhr1.status;
            }
        }
    }
    xhr1.send(null);
}

function getCommStatus() {
    var fName = "/commCheck";
    xhr2 = new XMLHttpRequest();
    xhr2.open("get", fName, true);
    xhr2.onreadystatechange = function() {
        if (xhr2.readyState == 4) {
            if (xhr2.status == 200) {
                document.getElementById("communicationlevel").innerHTML =
xhr2.responseText;
            } else {
                document.getElementById("communicationlevel").innerHTML =
" communicationlevel ERROR : " + xhr2.status;
            }
        }
    }
    xhr2.send(null);
}
}

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        }
    }
    xhr2.send(null);
}

////////////////////////////////////
////////////////////////////////////

window.onload = function() {
    document.getElementById("btnLightOn").onclick = setLightOnOff;
    document.getElementById("btnFloating").onclick = getFloatingFunc;
    document.getElementById("btnDiving").onclick = getDivingFunc;
    document.getElementById("btnForward").onclick = getForwardFunc;
    document.getElementById("btnBackward").onclick = getTurnBackwardFunc;
    document.getElementById("btnLeft").onclick = getLeftFunc;
    document.getElementById("btnRight").onclick = getRightFunc;
    document.getElementById("btnVideoStatus").onclick = getVideoStatusFunc;
    document.getElementById("btnSubmStatus").onclick = getSubmStatusFunc;
}

function setLightOnOff() {
    var fName = "/lightOnOff";
    xhr = new XMLHttpRequest();
    xhr.open("POST", fName, true);
    xhr.onreadystatechange = function() {
        if (xhr.readyState == 4) {
            if (xhr.status == 200) {
                document.getElementById("alertmessage").value =
xhr.responseText;
            } else {
                alert("ERROR : " + xhr.status);
            }
        }
    }
    xhr.send(null);
}

function getFloatingFunc() {
    var fName = "/floating";
    data=document.getElementById("moveCnt").value;
    xhr = new XMLHttpRequest();
    xhr.open("POST", fName, true);
    xhr.onreadystatechange = function() {
        if (xhr.readyState == 4) {
            if (xhr.status == 200) {
                document.getElementById("resultmessage").innerHTML =
xhr.responseText;
            } else {
                alert("ERROR : " + xhr.status);
            }
        }
    }
}

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        }
    }
}
xhr.setRequestHeader('content-type', 'application/x-www-form-
urlencoded;charset=UTF-8');
xhr.send("moveCnt=" + data);
}

function getDivingFunc() {
    var fName = "/diving";
    data=document.getElementById("moveCnt").value;
    xhr = new XMLHttpRequest();
    xhr.open("POST", fName, true);
    xhr.onreadystatechange = function() {
        if (xhr.readyState == 4) {
            if (xhr.status == 200) {
                document.getElementById("resultmessage").innerHTML =
xhr.responseText;
            } else {
                alert("ERROR : " + xhr.status);
            }
        }
    }
    xhr.setRequestHeader('content-type', 'application/x-www-form-
urlencoded;charset=UTF-8');
    xhr.send("moveCnt=" + data);
}

function getForwardFunc() {
    var fName = "/forward";
    data=document.getElementById("moveFBLFCnt").value;
    xhr = new XMLHttpRequest();
    xhr.open("POST", fName, true);
    xhr.onreadystatechange = function() {
        if (xhr.readyState == 4) {
            if (xhr.status == 200) {
                document.getElementById("resultmessage").innerHTML =
xhr.responseText;
            } else {
                alert("ERROR : " + xhr.status);
            }
        }
    }
    xhr.setRequestHeader('content-type', 'application/x-www-form-
urlencoded;charset=UTF-8');
    xhr.send("moveFBLFCnt=" + data);
}

function getTurnBackwardFunc() {
    var fName = "/backward";

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data=document.getElementById("moveFBLFCnt").value;
xhr = new XMLHttpRequest();
xhr.open("POST", fName, true);
xhr.onreadystatechange = function() {
    if (xhr.readyState == 4) {
        if (xhr.status == 200) {
            document.getElementById("resultmessage").innerHTML =
xhr.responseText;
        } else {
            alert("ERROR : " + xhr.status);
        }
    }
}
xhr.setRequestHeader('content-type', 'application/x-www-form-
urlencoded;charset=UTF-8');
xhr.send("moveFBLFCnt=" + data);
}
```

```
function getRightFunc() {
    var fName = "/right";
    data=document.getElementById("moveFBLFCnt").value;
    xhr = new XMLHttpRequest();
    xhr.open("POST", fName, true);
    xhr.onreadystatechange = function() {
        if (xhr.readyState == 4) {
            if (xhr.status == 200) {
                document.getElementById("resultmessage").innerHTML =
xhr.responseText;
            } else {
                alert("ERROR : " + xhr.status);
            }
        }
    }
    xhr.setRequestHeader('content-type', 'application/x-www-form-
urlencoded;charset=UTF-8');
    xhr.send("moveFBLFCnt=" + data);
}
```

```
function getLeftFunc() {
    var fName = "/left";
    data=document.getElementById("moveFBLFCnt").value;
    xhr = new XMLHttpRequest();
    xhr.open("POST", fName, true);
    xhr.onreadystatechange = function() {
        if (xhr.readyState == 4) {
            if (xhr.status == 200) {
                document.getElementById("resultmessage").innerHTML =
xhr.responseText;
            }
        }
    }
}
```

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        } else {
            alert("ERROR : " + xhr.status);
        }
    }
}
xhr.setRequestHeader('content-type', 'application/x-www-form-
urlencoded; charset=UTF-8');
xhr.send("moveFBLFCnt=" + data);
}

function getVideoStatusFunc() {
    var fName = "/VideoStatus";
    xhr = new XMLHttpRequest();
    xhr.open("get", fName, true);
    xhr.onreadystatechange = function() {
        if (xhr.readyState == 4) {
            if (xhr.status == 200) {
                document.getElementById("videostatus").innerHTML =
xhr.responseText;
            } else {
                alert(" status ERROR : " + xhr.status);
            }
        }
    }
    xhr.send(null);
}

function getSubmStatusFunc() {
    var fName = "/SubmStatus";
    xhr = new XMLHttpRequest();
    xhr.open("get", fName, true);
    xhr.onreadystatechange = function() {
        if (xhr.readyState == 4) {
            if (xhr.status == 200) {
                document.getElementById("submstatus").innerHTML =
xhr.responseText;
            } else {
                alert(" status ERROR : " + xhr.status);
            }
        }
    }
    xhr.send(null);
}

```

```
</script>
```

```
{% endblock %}
```

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🕒 Revision #1

★ Created 2024-10-01 14:00:27 UTC by Hyeon Su Ryu

✎ Updated 2024-10-01 14:01:04 UTC by Hyeon Su Ryu