

Project 5 Report (Aiden Koknat)

Button to change the theme:

```
JS:    // When button gets clicked
themeButton.onclick = changeTheme;
function changeTheme() {
    var body = document.body;
    var menu = document.getElementsByClassName("menu")[0];
    var caption = document.getElementsByClassName("popup")[0];
    var caption2 = document.getElementsByClassName("popup2")[0];
    var h2 = document.getElementsByTagName("h2")[0];
    var table = document.getElementsByTagName("table")[0];
    var td = document.getElementsByTagName("td");

    if (body.id == "dark") {
        body.id = "light";
        body.style.backgroundColor = "white";
        body.style.color = "black";
        menu.style.backgroundColor = "white";
        menu.style.border = "1px solid black";
        caption.style.backgroundColor = "white";
        caption2.style.backgroundColor = "white";
        caption.style.border = "10px solid black";
        caption2.style.border = "10px solid black";
        h2.style.border = "10px solid black";
        table.style.border = "15px solid black";
        for (i = 0; i < td.length; i++) {
            td[i].style.border = "1px solid black";
        }
    }
    else {
        body.id = "dark";
        body.style.backgroundColor = "black";
        body.style.color = "white";
        menu.style.backgroundColor = "black";
        menu.style.border = "1px solid white";
        caption.style.backgroundColor = "black";
        caption2.style.backgroundColor = "black";
        caption.style.border = "10px solid white";
        caption2.style.border = "10px solid white";
        h2.style.border = "10px solid white";
        table.style.border = "15px solid white";
        for (i = 0; i < td.length; i++) {
            td[i].style.border = "1px solid white";
        }
    }
}
HTML Affected:
<button id = "themeButton" > Change Theme </button>
```

Website (Dark Theme):

UKSO Concert Schedule

Pieces	Composers	
Enigma Variations	Edward Elgar	Septemb
Symphony No. 5	Dmitri Shostakovich	October
Suite from "The Firebird."	Igor Stravinsky	Decemb
Symphony No. 1 "Titan"	Gustav Mahler	Februar
Cello Concerto	Edward Elgar	March 2
Symphony No. 9 "Choral"	Ludwig van Beethoven	April 22

Change Theme

► Violin I

► Violin II

► Viola

► Cello

► Bass

► Piano

Website (Light Theme):

Shanham.

UKSO Concert Schedule

Pieces	Composers	
Enigma Variations	Edward Elgar	Septemb
Symphony No. 5	Dmitri Shostakovich	October
Suite from "The Firebird."	Igor Stravinsky	Decemb
Symphony No. 1 "Titan"	Gustav Mahler	Februar
Cello Concerto	Edward Elgar	March 2
Symphony No. 9 "Choral"	Ludwig van Beethoven	April 22

Change Theme

► Violin I

► Violin II

► Viola

► Cello

Dynamic Forms:

JS:

```
var dropDown = document.querySelector("select[name = 'type']");
var dropDown2 = document.querySelector("select[name = 'emptySelect']");
dropDown2.disabled = true;
dropDown.addEventListener('change', function(e) {
    var choice = e.target.value;
    dropDown2.removeAttribute("disabled");
    dropDown2.innerHTML = "";
    addOption(dropDown2, "Concert Alerts", "Concert Alerts");
    addOption(dropDown2, "Fun Facts about Maestro Nardolillo! :3", "Fun Facts about Maestro Nardolillo! :3");
}
```

HTML Affected:

```
<select name="type">
<option value = "" selected disabled hidden> Select an option </option>
    <option>Text</option>
    <option>Phone</option>
</select>
<select name="emptySelect">
</select>
```

Picture:

The image shows two side-by-side screenshots of a web form. The left screenshot shows the initial state where the 'emptySelect' dropdown is disabled. The right screenshot shows the state after a selection, where the 'emptySelect' dropdown is enabled and displays two options: 'Concert Alerts' and 'Fun Facts about Maestro Nardolillo! :3'. Both forms include a phone number input, a 'type' dropdown, and radio buttons for notification frequency.

JQuery Method (FadeIn/Out):

JS:

```
$(function() {
    $(".popup").hide();
    $(".thumbnail").on("mouseenter", function() {
        $(".popup").fadeIn();
    });
    $(".thumbnail").on("mouseleave", function() {
        $(".popup").fadeOut();
    });
    $(".popup2").hide();
    $(".thumbnail2").on("mouseenter", function() {
        $(".popup2").fadeIn();
    });
    $(".thumbnail2").on("mouseleave", function() {
        $(".popup2").fadeOut();
    });
});
```

HTML Affected:

```
<figure class = "thumbnail">
    <img src = "Capture.JPG" alt = "Capture" title = "Composer1" width = 100%>
```

```

<figcaption class = "popup">
    Angélica Negrón is the composer of "Me he perdido.", a piece UKSO will play during their
    December 2021 Concert.
</figcaption>
</figure>
<figure class = "thumbnail2">
    <img src = "Capture2.JPG" alt = "Capture2" title = "Composer2" width = 100%>
    <figcaption class = "popup2">
        Hannah Lash is the composer of Music for Loss (2011), a piece UKSO played during their
        September 2021 Concert.
    </figcaption>
</figure>

```

Picture:

