Activity 2:Part 4 Button Grid – Manage Dynamic Objects on a View

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**Screenshots:**

A screenshot of a computer

Description automatically generated

Screenshot of various button stated that will be used later on. This shows passing data through MVC with an object.

A screenshot of a computer

Description automatically generated with low confidence

Here we added button images of the different button states.

A screenshot of a computer

Description automatically generated with medium confidence

Shows the display while using a for loop to display 25 buttons with random states.

A screenshot of a computer screen

Description automatically generated with low confidence

Here we displayed 25 buttons but in a grid this time.

A screenshot of a computer

Description automatically generated with medium confidence

Added labels to the grid .

A screenshot of a screen

Description automatically generated with medium confidence

Here we added button state changes on button click.

A screenshot of a computer

Description automatically generated with low confidence

A screenshot of a computer screen

Description automatically generated with low confidence

These last two we added a check to check if all button states match, if they did we got a success message, if not we see that not all buttons match.

**Summary of Key Concepts:**

This part of the activity showed us the ability to manipulate the objects, variables, and forms. It shows us that we can change one thing with just a click of a button. This was a fun activity and I look forward to utilizing this within the milestone project and make a fun game while learning.