

Additional Feature Design Document

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Requirement: Create a way for a user to dynamically add an EventType.

NonFunctional Requirement:

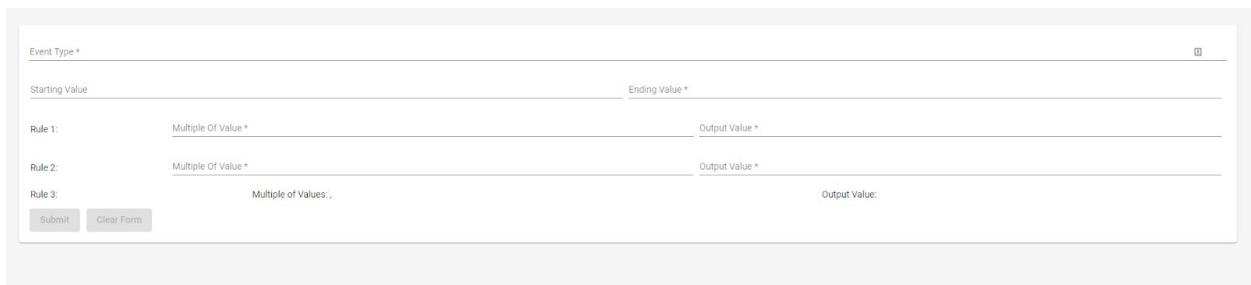
Useability: Create a way to clear the form for the user via button click

Security: Don't allow the use to submit an incomplete form

Solution: Create a Reactive Form that when submitted, creates a new EventType.

Design: Using the same design pattern throughout the app, material inputs and buttons are used to generate the form.

Example:

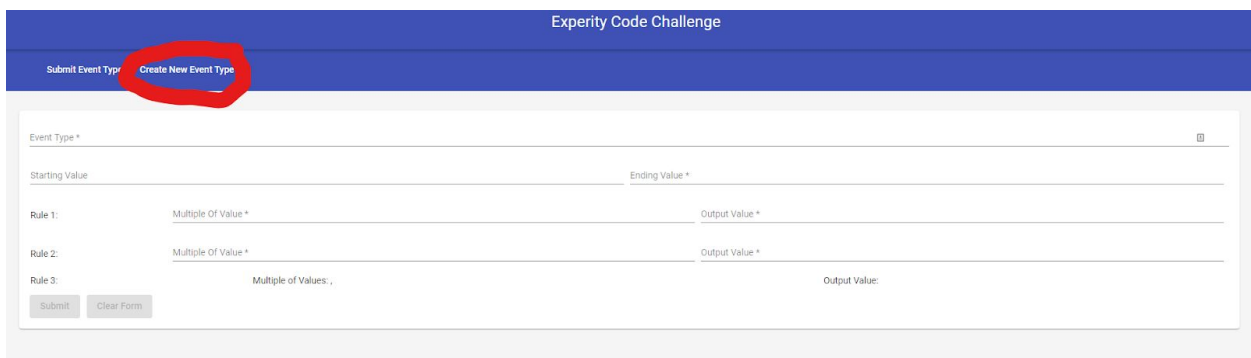


A screenshot of a web form titled "Event Type *". The form contains several input fields: "Starting Value", "Ending Value *", "Rule 1:" followed by "Multiple Of Value *", "Output Value *", "Rule 2:" followed by "Multiple Of Value *", "Output Value *", and "Rule 3:" followed by "Multiple Of Values:," and "Output Value:". At the bottom left, there are two buttons: "Submit" and "Clear Form".

Feature Process Flow

Step 1:

Click the Create New Event Type Button on NavBar



A screenshot showing the "Experity Code Challenge" NavBar at the top. The NavBar has two buttons: "Submit Event Type" and "Create New Event Type", with the latter circled in red. Below the NavBar is the same "Event Type *" form as shown in the previous screenshot.

Step 2:

Fill out Form and Click Submit

Experity Code Challenge

[Submit Event Type](#) [Create New Event Type](#)

Event Type *

TestEventType

Starting Value

3

Ending Value *

50

Rule 1:

Multiple Of Value *

10

Output Value *

Test1

Rule 2:

Multiple Of Value *

5

Output Value *

Test3

Rule 3:

Multiple of Values: 10,5

Output Value: Test1 Test3

Submit

Clear Form

Step 3:

Click Submit Event Type at Navbar at top

Experity Code Challenge

[Submit Event Type](#) [Create New Event Type](#)

Event Type *

TestEventType

Starting Value

3

Ending Value *

50

Rule 1:

Multiple Of Value *

10

Output Value *

Test1

Rule 2:

Multiple Of Value *

5

Output Value *

Test3

Rule 3:

Multiple of Values: 10,5

Output Value: Test1 Test3

Submit

Clear Form

Step 4:

On the Submit Event Type page, the new event will appear in dropdown to select.

Experity Code Challenge

[Submit Event Type](#) [Create New Event Type](#)

Register

Diagnose

TestEventType