

# Final Project: Scenario and Review Criteria

## Estimated time needed: 15 mins

## Final project: Scenario

You have just joined RKL Insurance company's IT department as a front-end engineer. The company wants you to create an application front end which will allow them to plan for budgeting expenses for various departments. The person that worked in this position before has completed the code but has not paid attention to some of the features that were specifically asked for. You are now entrusted with this responsibility and you are expected to deliver the project within expected timeline.

This is the final project for this course and has several steps that you must complete. You will be building on the Budget allocation application you built using react in the practice project.

In this project, you will be given tasks to complete and render them into your budget allocation app. The completed Budget Allocation application page should look like the image below:

### Company's Budget Allocation

The screenshot shows a web application for budget allocation. At the top, there are three status boxes: 'Budget: £ 2000' (grey), 'Remaining: £1040' (green), and 'Spent so far: £960' (blue). To the right is a 'Currency (£ Pound)' dropdown menu with options: '\$ Dollar', '£ Pound' (selected), '€ Euro', and '₹ Rupee'. Below this is a table titled 'Allocation' with columns: 'Department', 'Allocated Budget', 'Increase by 10', 'Decrease by 1', and a delete icon (X). The table lists five departments: Marketing (£50), Finance (£300), Sales (£70), Human Resource (£40), and IT (£500). Each row has a green '+' button for increasing and a red '-' button for decreasing the budget. At the bottom, there is a 'Change allocation' section with a 'Department' dropdown (set to 'Choose...'), an 'Allocation' dropdown (set to 'Add'), a text input field for the amount, and a 'Save' button.

## Review Criteria:

### 1: Budget allocation validation. (2 pts)

Provide a screenshot of the budget allocation validation. It should show that the application:

- Accepts only numbers in the allocation field. (1 pts)
- The number does not exceed remaining budget. (1 pts)

### 2: Editable budget value (3 pts)

Provide a screenshot of the budget value. It should show that the application:

- Has editable budget field with increasing and decreasing value by 10. (1 pts)
- Does not allow amount lower than amount spent so far. (1 pts)

- The upper limit is set to 20,000. **(1 pts)**



A screenshot of a web application interface. On the left, there is a light blue box containing the text "Budget:£" followed by a white text input field with the value "2000". To the right of the input field is a small square button with up and down arrows, which is highlighted with a red rectangle. To the right of this box is a light green box containing the text "Remaining: £1040".

### 3: Dropdown to change currency **(4 pts)**

Provide a screenshot of the dropdown list for Currency component. It should show that the application:

- Has a **Currency** label in the appropriate place. **(1 pts)**
- Has an editable currency dropdown list. **(1 pts)**
- Has four values \$ Dollar,£ Pound,€ Euro,₹ Rupee in the dropdown list, in the specified format. **(1 pts)**
- Has stylized dropdown list (Use image provided for reference). **(1 pts)**



### 4: Add a currency prefix to the **Change allocation** textbox **(1 pts)**

### 5: Add a currency prefix to the **budget value** textbox **(1 pts)**

### 6: Change event of the currency dropdown list **(5 pts)**

Provide a screenshot after the dropdown for Currency component change event. It should show that for the event, on change of the dropdown value, all the currency representation on the screen changes.

- Budget . **(1 pts)**
- Remaining. **(1 pts)**
- Spent so far. **(1 pts)**
- Allocated Budget. **(1 pts)**
- Change Allocation. **(1 pts)**

Company's Budget Allocation

Budget: £ 2,000

Remaining £ 040

Spent so far £ 60

Currency (£ Pound) ▾

\$ Dollar£ Pound€ Euro₹ Rupee

Allocation

Department	Allocated Budget	Increase by 10	Decrease by 1	
Marketing	£50	+	-	✕
Finance	£300	+	-	✕
Sales	£70	+	-	✕
Human Resource	£40	+	-	✕
IT	£500	+	-	✕

Change allocation

Department

Choose... ▾

Allocation

Add ▾

£

Save

7: Decrease and Increase Buttons (4 pts)

Provide a screenshot that shows that,

- A decrease button is added for all departments in the allocation, beside increase by 10 as shown in the screenshot. (1 pts)
- Onclick of the button the value decreases by 10. (1 pts)
- The + button is stylized with the image provided. (1 pts)
- The - button is stylized with the image provided. (1 pts)

Change Log

Date	Version	Changed by	Change Description
2022-08-31	1.0	Pallavi Rai	Initial version created

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