Requirements Engineering : Use Case Narrative Exercise 01

Consider a user requirement:

2.3 Display the larger of two numbers

Write a Use Case Narrative for this requirement.

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Solution:

Use Case Name	Larger of two numbers	
Use Case Id	2.3	
Priority	Low	
Source	Whoever	
Primary Business Actor	User	
Other Participating Actors		
Description	This functions displays the larger of two integer numbers input by the student.	
Preconditions		
Trigger		
Expected Scenario	**User**	**System**
	Step 1: User invokes the Display Largest Number function.	**Step 2:** System displays the UI and prompts user to enter two numbers
	Step 3: User enters two numbers	**Step 4:** System validates data entered: • If Num1 or Num2 not entered, display appropriate error message and return to step 3 • If num1 or Num2 not numeric, display appropriate error message and return to step 3 • If num1 or num2 not an integer, appropriate error message and return to step 3 **Step 5:** System compares two numbers: • If num1 largest, display "Num 1 is largest of …" • If num2 largest, display "Num 2 is largest of …" • If numbers equal, display "Num1 and Num2 are equal…" **Step 6:** System asks student "Try another comparison?"
	Step 7: Student answers "Yes" or "No"	**Step 8:** If "Yes", Return to step 3 and continue

		Step 9: System terminates application (return to menu…..)
Alternate Scenarios	**Actor Action**	**System Response**
Invalid Data entered		
Conclusions		
Post conditions		
Business Rules		
Implementation Constraints		