Scenario-based Financial Instrument Learning Tool

Author (s): Peter Mahhov, Mathilde Simoni, Lachlan Pham   **Date: 25.03.22**
Version: 1

USE CASE NAME:	Progress Time	USE CASE TYPE
USE CASE ID:	2	**Business Requirements:** ☒
PRIORITY:	High	

PRIMARY BUSINESS ACTOR:	User	
OTHER PARTICIPATING ACTORS:	● None	
OTHER INTERESTED STAKEHOLDERS:	● None	
SHORT DESCRIPTION:	The user decides to advance the scenario's time progression.	
PRE-CONDITION:	The system is currently in a scenario.	
TRIGGER:	The user clicks on the 'Progress Time' button in the GUI.	

TYPICAL COURSE OF EVENTS:	**Actor Action**	**System Response**
	Step 1: The user clicks the "Progress Time" button	**Step 2**: The system updates stock prices and loan interest rate
		Step 3: The system recalculates amount owed (if applicable) and stock values of user
		Step 4: The system displays updated information to the user on their visible timeline panels

ALTERNATE COURSES:	**Step 5** is added if the user has reached the win condition or the time limit: "The system deactivates the "Progress Time" button and offers the option to load the next scenario by displaying the button "Next Scenario" .
CONCLUSION:	The user has progressed the scenario by the set time interval and may now react to the changes in the financial instruments and their updated portfolio information.
POST-CONDITION:	The system has updated the user's portfolio and financial instrument information. It has stored the newly overwritten data in historical tables for display upon request.
BUSINESS RULES:	N/A
IMPLEMENTATION CONSTRAINTS AND SPECIFICATIONS:	N/A
ASSUMPTIONS:	N/A
OPEN ISSUES:	N/A