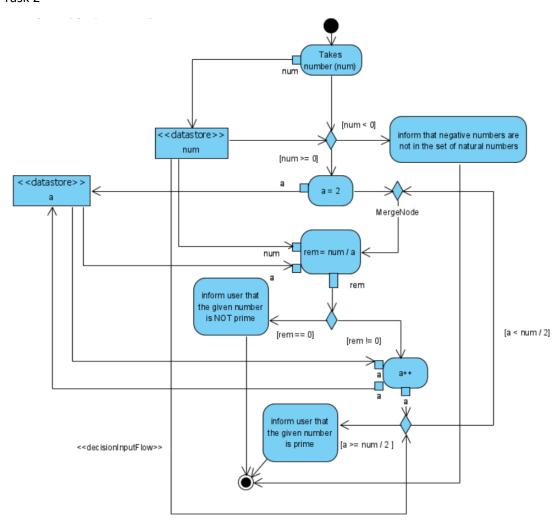Task 1

Use-case ID	UC01		
Use-case name	Creation of new plan of study		
Primary actor	User		
Brief Description	Creation of new plan of study based on user's input		
Preconditions	Application started. Main page displayed		
Postconditions	New course added to the plan		
Basic flow of events		User	System
	1	Wants to create a new plan of study	
	2		Reads auxilary data
	3		Asks user to input study data
	4	Enters study data	
	5		Verifies input data
	6		Saves plan of study and asks user for a confirmation
	7	Confirms system's message	
	8	7a	System gets user's courses and displays them
	9	Selects courses to be added to the plan of study	
	10		Adds courses to the plan of study
	11		Saves the plan of study
Alternative flow: User input invalid data		User	System
	5a		Verifies input data and are

				incomplete or incorrect.
	6a			Displays error message to a User
				Go to 3
Alternative flow: Negative confirmation		User		System
	7a	Doesn't confirm system's message		
				Saves the plan of study
Data	Plan of study: • Year of study - obligatory, positive number • Field of studies – obligatory, text in any language • Subjects – list contain subjects names (at least 1 subject)– text in any language Verification messages (5a): • Year of study - "Year of study is required and should be positive number" • Field of studies - "Field of studies is required" • Subjects - "Subjects field is required and should contain at least 1 subject"			

Task 2

Task 3

User	System

Wants to login → Asks to input data

Asks to input data → <<datastore>> attempts, login data

<<datastore>> attempts, login data → Enters data

Enters data
login data → Verifies data

Verifies data
Verification result → ◇

◇ Positive → Login user into system

◇ Negative → Attempts +=1

Attempts +=1 → Display error message

Display error message → Asks to input data

◇ Attempts < 3
Yes → Attempts +=1
No → Block account

Block account → ●

Login user into system → ●