

SWE LAB FAT

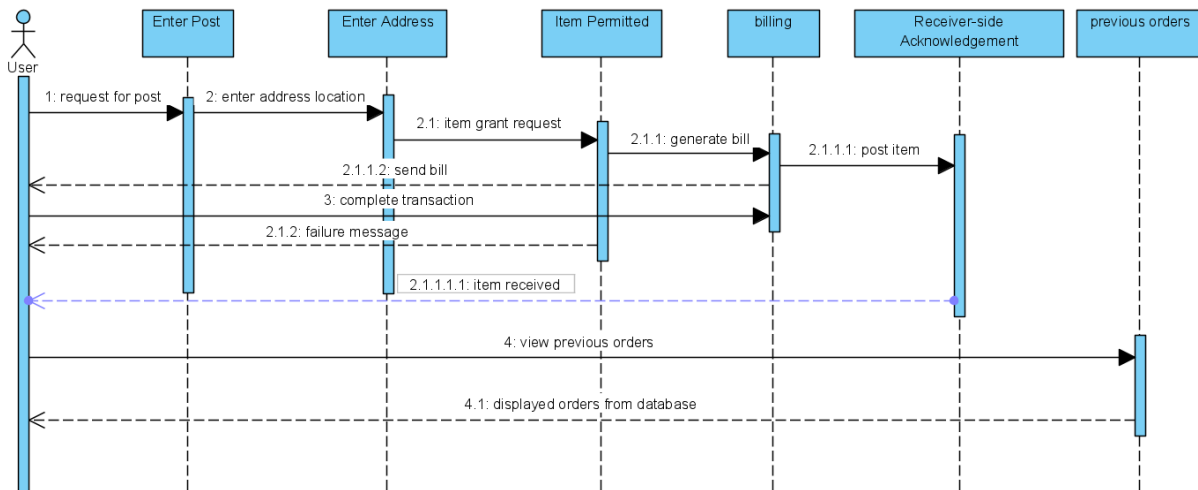
Name: KULVIR SINGH

Register Number: 19BCE2074

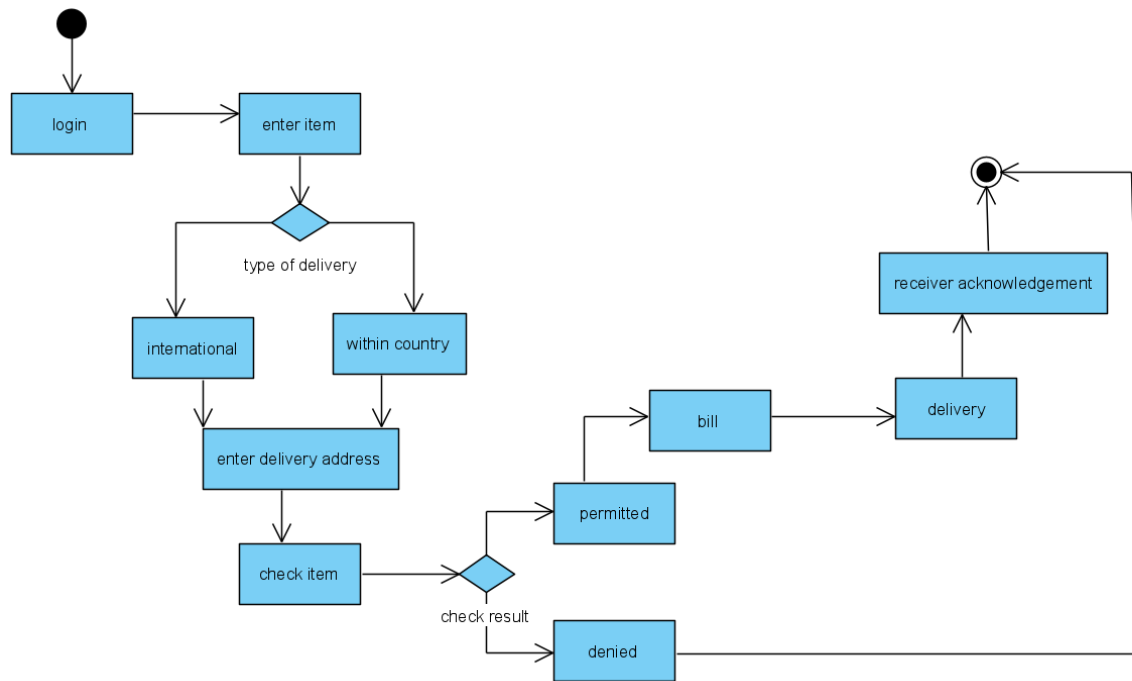
Question Number = 9

9.Design Use Case diagram, Sequence diagram, Activity diagram and Deployment diagram for Automation of Speed Post Service system. Also identify all possible test cases that are necessary to carry out an efficient testing process

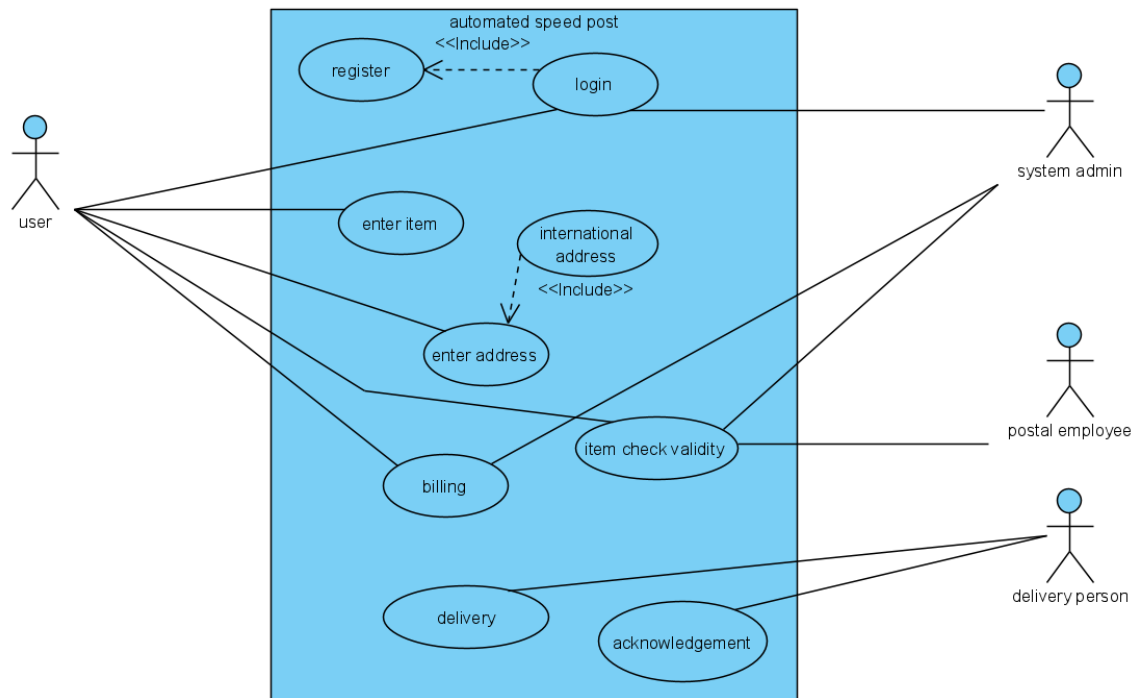
Sequence Diagram :



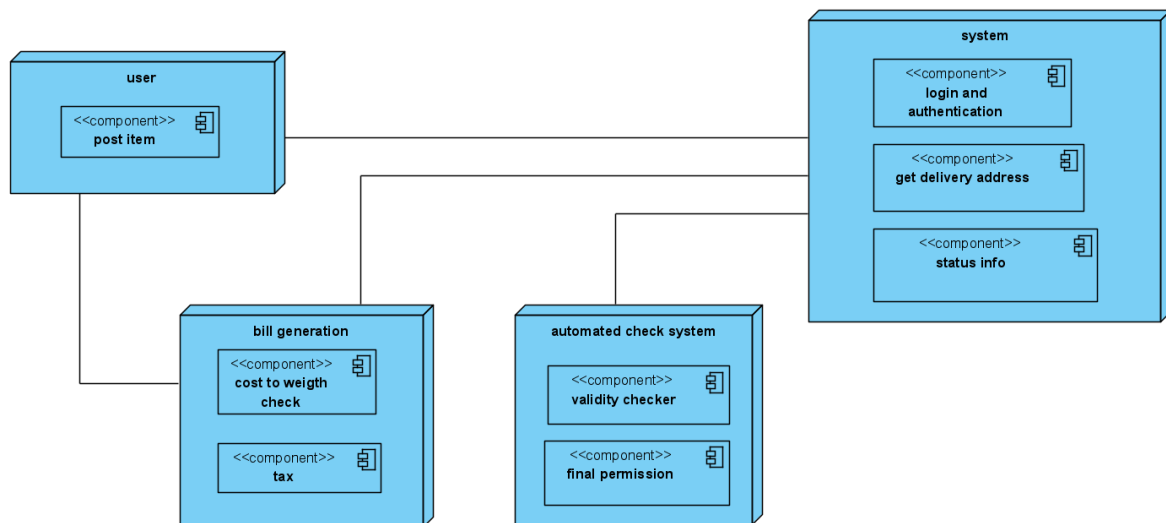
Activity Diagram :



Use Case Diagram :



Deployment Diagram :



Test Cases :

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Test Case ID	Test Description	Expected Result	Actual Result	Pass/Fail
T01	Create New User account with email & password	User enters email and password and gets logged in	New Account created	Pass
T02	login with existing email and password	User enters email and password and gets logged in	Login Successful	Pass
T03	Faulty data in login entered	User enters wrong details and error is thrown	Error message displayed	Pass
T04	Enter item type and weight.	User is able to enter the item type, pic and weight	Item details entered	Pass
T05	Enter delivery type and address	User is able to enter delivery address both domestic and international	Address details are entered	Pass

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T06	Check for item validity	The item entered by the user is checked by AI for safety reasons and result is send	Check complete, result is received	Pass
T07	Generate Billing	The bill is generated and user is able to view and pay.	User can pay the bill	Pass
T08	Delivery Status check and estimated time check	User can see status of his delivery item and AI displays time by when it will reach	User is able to see status of his item	Pass
T09	Delivery complete and accurate message received	User gets a message when his/her item has been delivered successfully	Delivered message is received to user	Pass
T10	Logout from System	User is able to logout after using system	Logout is complete	Pass.