

AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH

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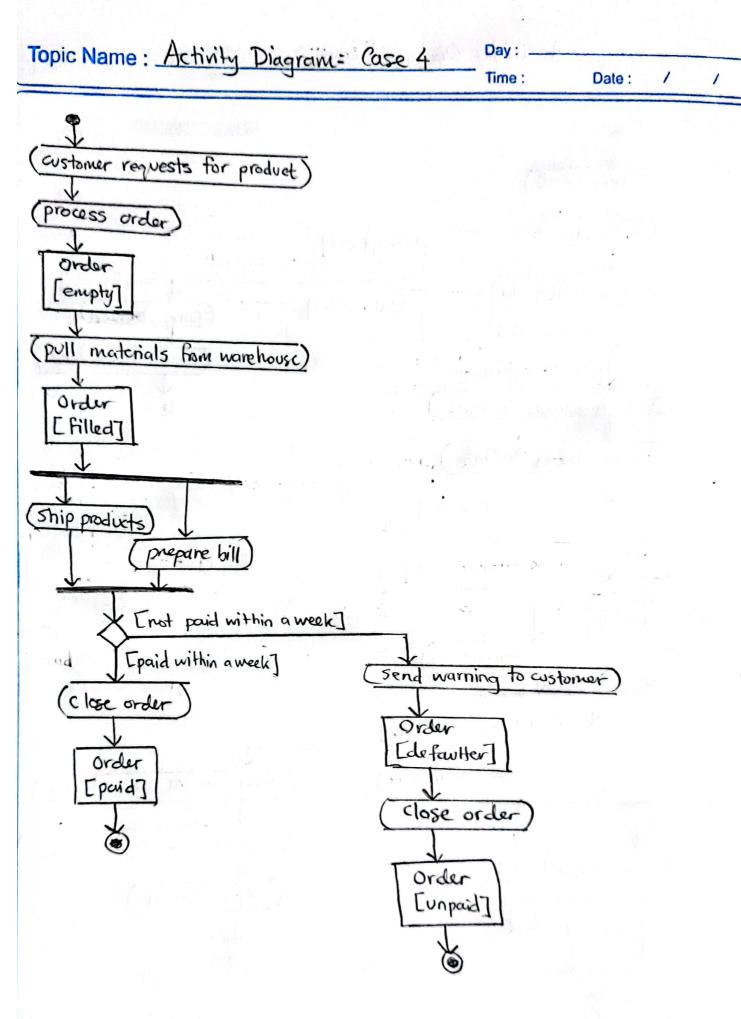
Assignment Title:	Final Term Assignment 01		
Date of Submission:	04/01/2025		
Course Title:	Object Oriented Analysis & Design		
Section:	S		
Semester:	Fall 2024-2025		

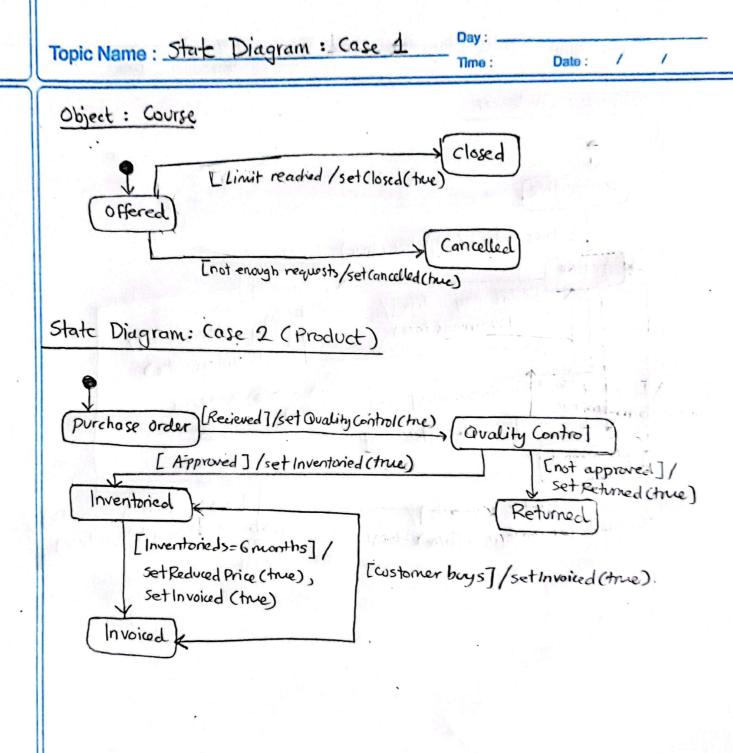
No.	Name	ID
_	Raisa Rastinah Anwar	23-53251-3

Topic Name: Activity Diagram: Case 1 Date: Time: System Customer Book Ticket create place request for current movies session Fetch current movies list) (select desired movie send list wstomer to Book seats retneve timing [available seats > 0] schedule) Display ticket rate retrieve Enter credit card details Calculate due amount [verified] ven'fy details [not ven'Ael] (send reciept write in Booking database movie database update request demy destroy session object

Topic Name : Activity Diagram : Case 2 Day: Time: Date: 1 place request) (select departure destination) arrival destination (select select date of departme system fetches carrier names & schedule from DB doesn't likeany (system displays fetched information options [Doesn't like any options] (close application) Select desired option) [fails <= 3] (System asks for customer & credit card info [fails>3] Venify card details) send error message [not writed] [verifica] write to Cancel Booking Booking DB process Send austomor into send warning message to to carrier credit eard agent pass message to interface) send bill to austomar). generate bill

Topic Name: Activity Diagram : Case 3 Day: Time: Date: 1 insert card enter pin [aHempt <=3] Bank verifies pin [aHempt>3] card seized [incorrect] [correct] transaction closed enter withdrawal amount Bank checks balance [balance<-withdrawa] [balance>= withdrawal] with to log dispatch money [not taken within 5sec] [money taken within 5 sec] machine takes back morey (show balance to costoner account debited eject card print transaction reciept





Topic Name: State Diagram: Case 3 Date: Time: Object: Customer prospective [places order]/setActive (true) Active Warning [didn't pay on time]/ Set warning (true) [paid within amonth]/ set worning (False) [No transaction> 5 years] /set Archived (the) > Archived. [6 month's order > \$ 10,000] preferred [not paid within amonth]/ [missed 2 payments]/ set Legal Action(true). set Preferred (False) Legal Action

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	Topic Name: State Diagram: Case 4	Day :	Date :	/	/
	Object: Student				
- L		thue) ejected(thue) ed (thue) deadlive]/set R mue) gular(thue) Proba	tion) [no setst	improvidentsh	Removed Prip(false)