NAME: SAAD AHMED

REG #: SP23-BSE-036

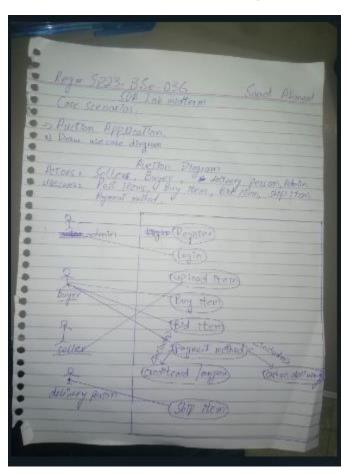
SUBJECT: SOFTWARE DESIGN ARCHITECTURE

LAB MIDTERM EXAM

CASE SCENARIO

AUCTION APPLICATION

Answer 1: use case diagram



COMMUNICATION DIAGRAM

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INCOMPLETE DUE TO MISS MANAGEMENT OF TIME!

Which design patterns and grasp principle is used Answer: I have used observer pattern which will notify the sellers that their product is sold Auction class acts as a subject and the bidder interface is implemented by the Buyer class which acts as the observer The Grasp principle which I have used is information expert