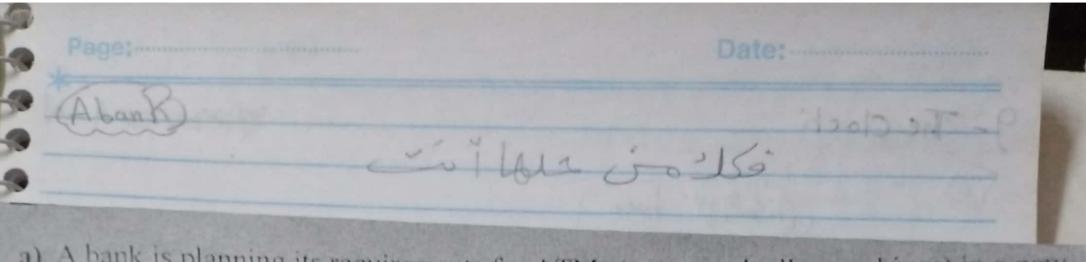


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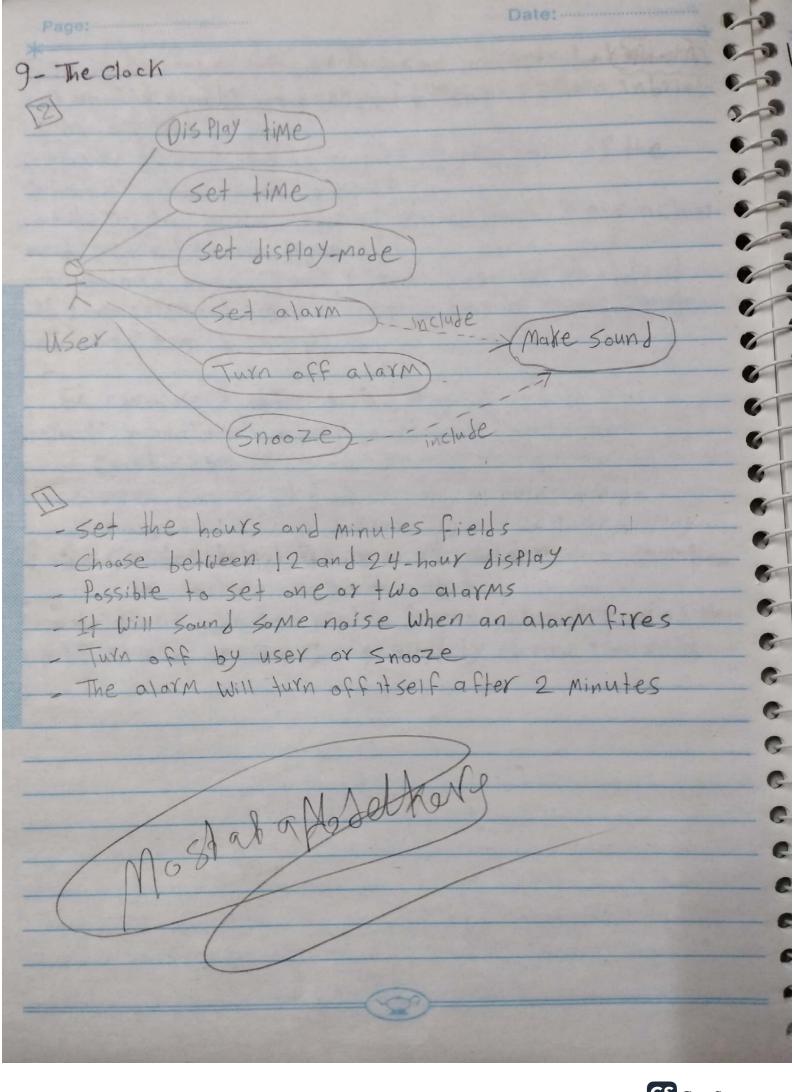


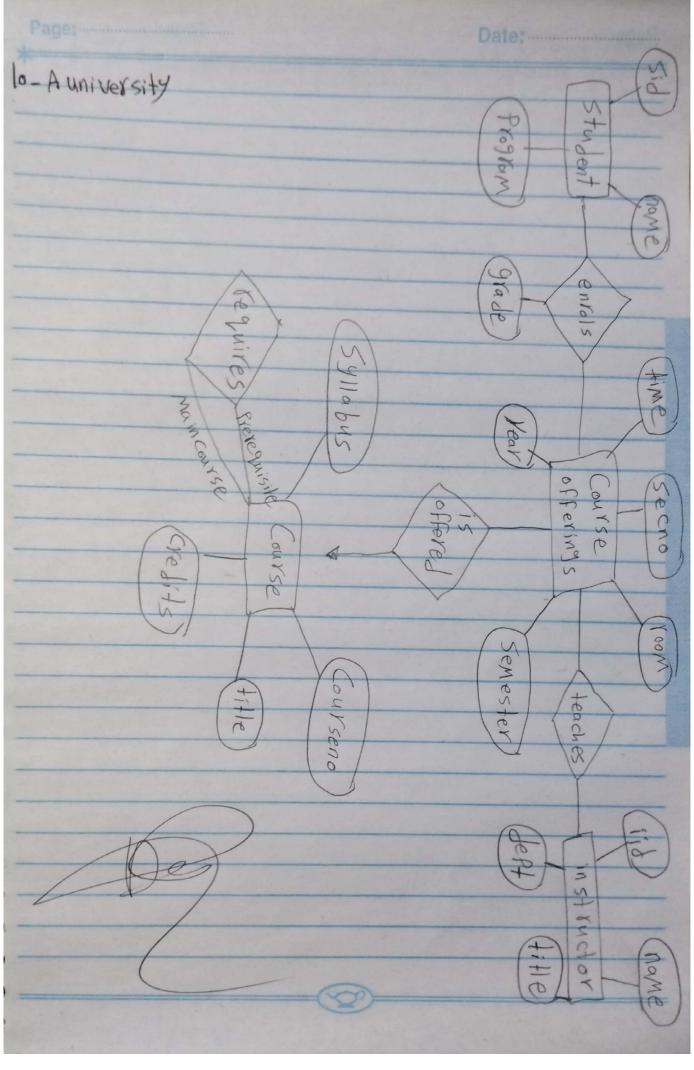
a) A bank is planning its requirements for ATMs (automated teller machines) in a new branch. Three types of ATM can be purchased: general ATMs (giving cash, balances, mini statements and PIN change facilities), ATMs for paying money into accounts and ATMs that provide full account statements.

Develop a conceptual model for this problem outlining:

- 1. The objects, processes (Process Name, Start, End, and Effect) and relations.
- 2. Three different Use Cases (Giving Cash, PIN Change, and Paying Money into Account) using Use-Case Diagram.







11- Any model is characterized by three essential attributes. Explain and mention these attributes. Adjscrete event simulation (DES) is characterized by changes in the simulation'state at discrete time Points Example of DES 1- Any queueing system 2-Manufacturing system 3 - Inventary system A model is characterized by three essential attributes + Definition model 1- Reference A model has a referent, some real or imagined system 2 - Pur Pose Amodel should have furfose with respect to its referent 3 - Cost-Effectiveness

