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SET - 2

BACHELOR OF COMPUTER APPLICATIONS (BCA)
(Pre - revised)
Term-End Practical Examination 01711
June, 2013
CS-67(P) : RDBMS LAB

Time allowed : 2 hours *Maximum Marks : 75*

Note : *(i) There is **one compulsory** question in this paper carrying **50 marks**. Rest **25 marks** are for viva-voce.*

*(ii) You may use any **RDBMS** for implementation.*

(iii) Make and state suitable assumptions, if any.

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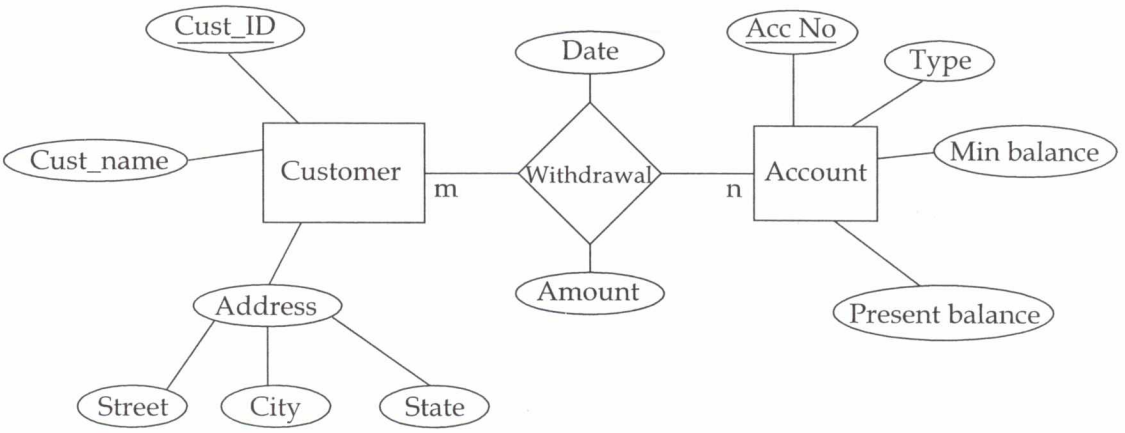
1. A database system is to be designed to keep track of withdrawals made by various customers from their joint accounts. The E - R diagram for the proposed database is :



A customer can have one or more accounts and an account can be a joint account of more than one customer. Thus, for each withdrawal the bank-should ; record which customer has done the withdrawal from what account.

Perform the following tasks for the description and E - R diagram given above :

(a) Design and implement normalised relations/tables for the given ERD. You should include primary key, validation checks and referential integrity constraints in your implementation. **20**

(b) Enter about 5 - 6 sets of meaningful data in each table. **10**

(c) Design and implement the following forms/queries/reports. **20**

(i) Create first form to enter customer information and a second form to enter Accounts information.

(ii) Create a form to enter withdrawal information.

(iii) Create a query that shows all the withdrawals of account type "SAVINGS" by a customer whose ID is "C0001".

(iv) Find the total of all withdrawals made on "01-06-2013".

(v) Create a report that lists all the withdrawals made for a particular account, say AccNo "A0001'. The report should show the customer ID and customer Name of the person who has made the withdrawal along with date and amount of withdrawal.