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Project title: Online Banking Implementation.

Application scenario abstraction:

Tentative system & tools:

Our project will be implemented within MySQL, the open source SQL DBMS. To be used externally on bluenose or exported locally.

domain problem:

How to implement a database for an Online Banking framework.

application scenario:

Online Banking Database access & modification

business model & constraints overview:

Customer Relationships:

constraints on foreign keys (default null) and primary keys (not null).

Branch Relationships:

constraints on Primary keys (not null) and foreign keys

Following is a list of possible relations (references yet undefined):

- branch
- accounts
 - debit
 - savings
 - interest
 - credit
 - interest
- customer
 - login
- loan
- depositor
- employee
 - banker
 - admin

objectives:

The objective of this particular project will be the creation and maintenance of an online banking database. We will attempt to incorporate daily banking features into our banking model to simulate a realistic online banking database. We'll include views for the users - customers, bankers and admins -, basic transaction handling, triggers, stored procedures and security protocols. Our fundamental goal will be to create dynamic database wherein we can demonstrate live modifications.