School of Information and Computer Technology Sirindhorn International Institute of Technology Thammasat University
CSS326 Database Programming Laboratory

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Laboratory Assignment #12
Database Security

Assignment: Import database named "BANK" from given resource file in database folder. The following figure shows the structure of BANK database. Note that all fields must set to allow NULL value except primary key. Answer and modify your database according to following,

- Define the user accounts according to the security levels of the database (depends on your understanding) if you have 3 types of users: Admin, staff, customer & how do you set in the database server (using SQL statements). *2 points*
- What are the sensitive data in this database and if it has, protect those (using SQL statements). *2 points*
- Create a view that contains the account no., name, balance. *2 points*
- Write a php code to let the Admin login to the account table using a form (a basic login form and display page without any styling). *4 points*

Submission:

Put all the SQL statements into a single word file, convert it as a pdf file and all the .SQL and html files in a . (Score: 10 marks)

account Table

Field	Type	Length Values	Extra	Primary Key
id	INT		Auto_increment	Yes
no	VARCHAR	20		
name	VARCHAR	200		
creditLimit	DOUBLE			
bal	Float			

transaction Table

Field	Type	Length Values	Extra	Primary Key
id	INT		Auto_increment	Yes
type	char	1		
amount	float			
date	datetime			
accid	INT			

Login Sucessfully

Account No.	Name	Balance
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