Internet Applications and Techniques

Unit 5: A Simple Banking Application with MVC

In this practical session, you will practise the use of PHP classes and MVC pattern in a simple banking application. The banking system can allow a user to check balance, withdraw money and deposit money. A MVC pattern is used.

1. Download file **bankingMVC.zip** from Blackboard → DC2410 → Unit5 → Evening Webinar. Unzip the file and save scripts into your web server directory, in a **unit5** sub-folder in your document root folder.

2. Create a database **banking** and create a table **savings,** then insert some records into it for the sample accounts. **savings(id, balance)**, where **id** should be a char(10) and **balance** is an integer.

3. The **controller** is written for you. But you need to change the database connection parameters in **controller/controller.php**

4. You need to complete the two files in directory **model** according to the comments (starting using #) in each file.

    The Account Class in model/account.php
    The Model Class in model/model.php

5. In the directory view**,** we have most of the files complete. Check the completed files withdraw.php, view.php. You need to work on two partially finished files in this directory according to the comments (starting using #).

    view/balance.php
    view/deposit.php

6. Run your banking application by typing the URL of the entry page of the application - **index.php**.

After finishing the above steps: go through all the scripts and try to understand the logic of the application and learn how MVC is applied in this example.