

Faculty of Computer Science and Technology, UTU
040010503/040020302: Content Management Systems
5th Semester MCA/ 3rd Semester MSc(CA)
Practical List 2 [Set A]

1.	<p>Develop web application for 'University Email Server' using 'CodeIgniter' framework. The application should have following functionalities:</p> <ol style="list-style-type: none"> 1. User shall be able to register on the email server. 2. After login: <ol style="list-style-type: none"> a. User shall be able to compose new email to one or more users of email server. b. On the homepage, user shall be able to view inbox, where received emails should be shown. c. User shall be able to view sent emails. d. User shall be able to mark one or more email as 'read' or 'unread'. <p>Note:</p> <ol style="list-style-type: none"> I. Make proper use of MVC structure of CodeIgniter. II. Manage session of user for login and logout. III. Make use of common header after login to email server. IV. Use the following database tables: <ul style="list-style-type: none"> User(userid, email_address, fname, lname, password) UserMail(mailid, subject, content, senderid) MailReceiver(mr_id, mailid, receiverid, read_status)
2.	<p>In the application developed in 1. add features of group with following functionalities:</p> <ol style="list-style-type: none"> 1. Create a library named 'UserGroup' to manage users related details. The library should provide functions for following features: <ol style="list-style-type: none"> a. Function for creating group which accepts group name and list of users for the group as a parameter and make database entry for a new group. b. Function for adding new members in existing group which accepts groupid and list of users to be added in a group as a parameter and add those users to the group. c. Function for fetching group details which accepts groupid as a parameter and returns list of users of that group. d. Function for deleting group by owner which accepts groupid as a parameter. 2. Provide functionality to add new group. 3. Provide functionality to send email to whole group. 4. Provide functionality to delete a group. <p>Note:</p> <ol style="list-style-type: none"> I. These functionalities should be added to functionalities of 1. II. Add new functions in library as per your requirements. III. Use the above database of 1. and in addition use following tables: <ul style="list-style-type: none"> UserGroup(groupid, ownerid, created_date) GroupMembers(gm_id, groupid, memberid)