PROJECT TITLE: Outlook-Similar E-mail Application

Project Requirements: Projects should include the topics: inheritance, encapsulation, polymorphism, abstract, interface, files, GUI. Also, class diagrams should be prepared in **UML**.

Project Description: - Two types of users should be defined:

Admin: Can operate user(s), such as delete, update, etc.

Plain User: Can compose mail to one or more receivers

Read his/her mail(s)

Delete his/her mail(s)

When a user composes a mail, should include the mail addresses of the receipents in the corresponding GUI component. The address should be checked whether it is present in the registered users. If not, the mail address should be taken again until a registered users address is entered. If the receipent user address is found in the registered-users file, then after the sender clicks on the send button, the address of the sender, the subject of the mail and the body of the mail shoud be entered to the MailBox(UserID) file of the receipent. Besides, the mail should be included in the SentMailBox(UserID) file of the sender. Obviously, when a new user is registered, automatically two files, MailBox(UserID) and SentMailBox(UserID), should be created for each user. When a user deletes a mail from any of the incoming mailbox or sent mailbox, this mail shoul be deleted from the corresponding file.

Mail accounts should be defined as: [xxx@stu.aydin.edu.tr](mailto:xxx@stu.aydin.edu.tr) (ex: [husnuozkan@stu.edu.tr](mailto:husnuozkan@stu.edu.tr))

**Please be sure that your .jar files work on any system. We do not have to waste time while trying to run your projects.**

**Late submissions will not be accepted.**

**Similar projects will not be evaluated.**