OOAD Project Synopsis

Project name: Creation of a Mail Server

Team members:

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We intend to make a java application that mimics the Gmail email client. You can use the features of the program for the first time by signing up, after that you can access your account by logging in.

Features:

- Graphical user interface.
- Send messages with text contents or attached files.
- Deactivate your account if you want.
- Delete any message or filter the message in your inbox by the subject or the sender.
- sort the messages by their priority or by date (Default).

The user will be able to:

- insert user name
- insert e-mail id.
- insert password.
- confirm password.

If the user already has an account, they will log into it.

When the user logs in, they will enter their email id and password.

We intend to implement these features

- order the messages by priority.
- order the messages by date.
- Refresh the application to get new emails.
- search for any message.
- send a new message.
- open sent emails.
- open trash (deleted emails).
- deactivate the account.

- sign out.

Sort features:

- sort by priority
- sort by date
- sort by message size

Filter messages:

- by email id
- spam/ham emails
- by subject

We also intend to implement a spam detection system, but that will be decided by the amount of time that we have during the semester.