Mail Client

Group 3

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Why choose this project?

- A mail application allowed us to apply everything covered in this course.

    - Networking, multi-threading, file input/output, sophisticated UI.

- Manageable base project with room for expansion.

    - Potential for features.

- Create a practical application.

Features

- Email loading from server
  - Socket input, multi-threading, interface
- Sending emails
  - - Socket output, multi-threading
- Storing emails locally
  - Multi-threading, socket IO, file IO
- HTML email viewing
  - File IO
- Delete/reply/forward emails
  - Socket output

Different parts of the Interface

- ListView for email header information
- WebView for email contents
- Inbox / Sent / Starred / Spam / Trash Mailboxes

- Search Bar
- Loading Bar
- Sign In / Sign Out window
- Compose new email window
- About Page

Greatest Challenge?

Email management

- Synchronizing local data with the mail server.
- Fetching email content.
- Storing emails efficiently.
- Handling email updates / deletion.

Demo…