CSCI5448 – Object Oriented Analysis and Design
Class Project - Part #1

Team Members:
- Chris Pillion
- John Zavidniak
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Note: Still waiting on a response from any available distance student for a third member. Don (Steve) Gipe, who was our original third team member, informed me that he has dropped the class.

Title:
- Email Client

Description:
- An interactive email client that allows the user to compose, receive, and organize their email under a unique address associated with their account.

Functionality:
- **Users Can…**
  - Create an account
  - Log into their account
  - Compose new emails
  - Send plaintext emails.
  - Send html emails.
  - Receive plaintext emails.
  - Receive html emails.
  - Read emails
  - Save received emails on the local machine.
  - Allow saved emails to be deleted.
  - Allow email drafts, which will be saved on the local machine.
  - Allow deletion of saved drafts.
  - Allow email categorization
  - Organize emails into predefined folders

Stretch Functionality:
- **Create…**
  - Graphical list for a user to view received emails.
  - Graphical text box for a user to type emails.
  - Graphical buttons for creating/deleting emails
- **Users Can…**
  - Create custom email categories and folders
  - Filter emails
  - Search for particular emails
  - Make a contact list of other email addresses