# Easy Contact

## Overview

**Easy Contact** is an interactive platform with customizable grouping and communication. We noticed that the RPI email interfaces are relatively outdated. In addition, it does not offer a sense of community as it only similarly displays emails compared to mainstream email applications (that is, alphabetical, chronological order, etc.). When we use the email ourselves as RPI students, we want to distinguish the function of professional use and everyday communication. Easy contact will therefore offer solutions to both of the scenarios which traditional email applications can not achieve. When trying to communicate with your peers, the platform will offer a more casual and stress-free feeling. On the other hand, when trying to contact the professor or other official users, Easy Contact will provide the standard professionalism.

## Goals

1. Create a Contact book system, allowing users to save their contacts.
2. Send and receive emails using the IMAP protocol.
3. Automatically format and move received an email from known contact address to the corresponding dialog box as text messages (including files).
4. Send morden text format between Easy Contact users.

# Team and roles

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|---|---|---|
| Zhenyuan Gong [Backend] | Hongbin Liu [Backend] | Jialu Xu [Backend] |
| Tiantian Qi [Frontend] | Xiaoyu Yang [Backend] | Daxin Huang [Frontend] |
| Bowen Shi [Backend] | Shitian Lin [Backend] | |

# Milestones

## I. September 2021

- Determine new team members and roles, division of labor
- Decide frontend and backend language
- Decide new functionality
- Create git repo, team drive, and means to communicate
- Implement basic database module
- Get everyone familiar with the repo issue list and self-assigning things

## II. October 2021

- Implement contact book backend database
- Implement the IMAP protocol application
- Implement API to communicate between frontend & backend
- UI design and implementation

## III. November 2021

- Continue October Milestone

## IV. December 2021

- Create Easy Contact Communication Standard
- Test & Debug IMAP application
- Connect backend contact book with frontend