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CS501 – 001

## Phone Contact Management System

As someone who likes organization and keeping track of things, I would like to implement a user-friendly interface for an address book that a user can use to track their phone contacts. The program would allow the user to add a contact to a directory, remove a contact, find details of a particular contact by a name, phone number or email address, and show all contacts in the directory. Contacts can also be either business or personal. Business contacts will have a department.

If time permits, I may also implement a way to call and message contacts. A string will be printed as the placeholder for the call, and a message can go to a contact's inbox.

Here is a possible UML diagram for the preliminary implementation.

Contacts will have getters and setters for all attributes and parsePhoneNumber is an enhanced setter for the phone number.

