Second Iteration Plan: mycheapfriend.com

# COMS 4156: Advanced Software Engineering

# Team: CheapSkates

## Team Members

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The **Cheapskates** from **MyCheapFriend.com** will lend you our **Sir** if you give us back feedback soon.

# 2. Requirements (UML):

# 3. Unit Testing:

We are testing the parser component (EmailInfo.java) of our system.  The parser does lexical and syntax validation of fields without any backend logic checking.

1. The Prefix of User's “from” address, before the “@” sign, must be a 10-digit number.
   1. Valid Prefix: 10-digit number should be accepted.
   2. Invalid Prefix: invalid prefix provided, it should be rejected.
   3. Error cases: Anything not a 10-digit number, e.g., blackbird, etc.
   4. Member: 7182242980
   5. Non-member: joesmith

(from regex)

2.  The User's To address must be to one of our approved addresses

(addresses or password regex)

3.  The User's message body must contain approved contents

    3.1  Messages to new account, reset\_pass, unsubscribe, and resubscribe:  Anything

    3.2  robot (accept\_bill\_address):  y\*

    3.3  password:

        3.3.1 report

        3.3.2 collection of identifiers and amounts (all identifiers should be identifiers, all amounts should be amounts, nothing else besides spaces).  must have at least one of each.

            3.3.2.1. if identifiers includes "me", can only have one amount, only one instance of "me"

            3.3.2.2  if (# of amounts) > 1, # of amounts must == # of identifiers, must occur in pairs (ie, [amount identifier] [identifier amount] [identifier amount] )

            3.3.2.3 otherwise (if # of amount = 1) must be one or more identifiers

    Everything else is invalid...

# 4. Code Inspection

# 5. Security

# 6. Schedule

The Schedule for the Second Iteration has been attached at the end of this document.

# 7. Controversies

There are no controversies among the team at this point.