

Group 7:
Automatic Mailbox Notification System

Group Members:

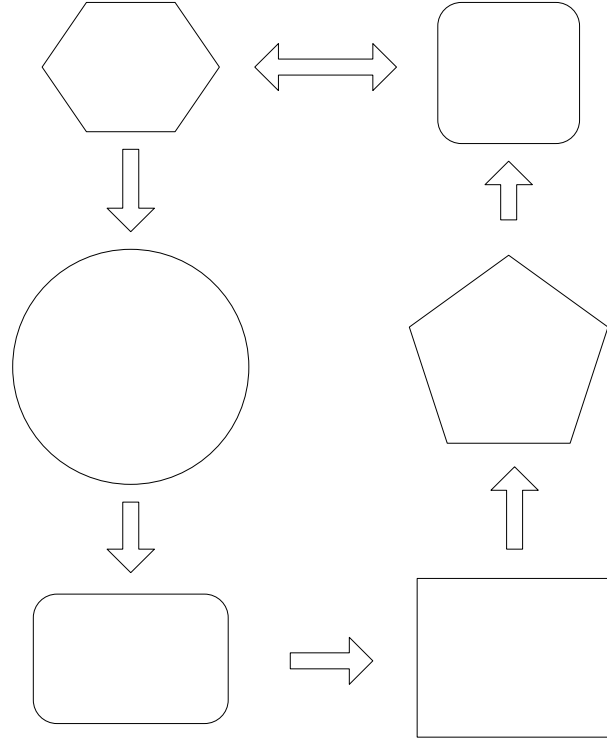
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Brief Overview:

The Automatic Mailbox Notification System allows users of P.O. Box style mailboxes to be notified electronically when they have mail in their box. There is an accompanying website that keeps track of user's information and their notification preferences.

Users have the option to be notified by traditional email, or by text messages to their cellular phone. Users clear their "new mail" notification by either opening the door on their box, or visiting the website and clicking on a link designated for that purpose.

Block Diagram:



Mailbox
Triggered

1. When a user gets new mail a signal is generated.
2. Microprocessor receives this signal and sends it to server.
3. Program running on server queries MySQL database.
4. A database monitoring program sends the mail or text messages to boxes that were triggered.
5. The user receives their notification based on their preferences.
6. Mail is picked up by user, and a signal is sent to the server.

For more details, please visit our website:

<http://koala.ece.stevens-tech.edu/sd/archive/03F-04S/websites/grp07/>

Auto
Mail
Notifi
Sys

Microcontroller
gets input and
communicates
with C program.