

The below scripts are used to send Notifications to the Pushover app on the phone

- `pushover_cli.sh`: This script defines a function (`push_to_mobile`) that instantiates four local arguments.
 - Title: The title of the app that sends the notification. It defaults to “from_Wave” in the wrapper script.
 - Message: The message that is sent with the notification. It defaults to “Someone is outside your door” in the wrapper script.
 - User: The user registered with the Pushover app.
 - Token: A token for the user. A user can have multiple tokens for different applications. These tokens were created for this particular app.

The script uses `curl` to submit a request to the pushover server to send the desired message. The user and token information registered with the pushover server are used to notify the user. This allows multiple users to receive notifications, and they needn't be in the network to receive them.

- `send_notifications.sh`: This is a wrapper script that uses `pushover_cli.sh` to send notifications. It reads the list of users and tokens from a file. It then uses `awk` to parse the contents of each line, and obtain the user id and token for each user. The above script can then be called with the desired information.
- `user_list_for_notification`: A text file that contains the user ids and tokens registered with the pushover website. This is read by the wrapper script to send notifications. Since this will reside in clear text format on the server, the access to this needs to be controlled. Ideally, this file should reside as a file that can be read only by the user.