**Template: UC\_Register\_Self&Friend\_Capture**

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| **ID:** | **UC\_Register\_Self&Friend\_Capture** |
| **Title:** | Register 2 Users + Capture Keylog Data |
| **Description:** | Have a client register themselves with full information provided and then register a friend with only their email address. Capture a test string via keylogger. |
| **Primary Actor:** | Client / User |
| **Preconditions:** | Daemon must be running  Deploy.txt requirements must be satisfied  Outgoing Internet Connection |
| **Postconditions:** | Client must not be running  Daemon must be running and ready to server more clients  User and Friend are registered to the coupon app |
| **Main  Success Scenario:** | 1. User will run application paramiko\_client.py 2. Enters in a valid email (or will loop until validated) 3. Enters 'Y' for more information 4. Enters First name, Last Name, and Postal Code 5. <System Query and signup> 6. Enters "Y" to enter another user 7. Enters in a valid email 8. Enters "N" for more information 9. Enters "N" for supplying more users 10. Client "closes" and submit legitimate data 11. Users enters arbitrary keystrokes on the keyboard 12. <System waits 20 seconds during logging> 13. Client child submits evil data 14. Server handles legitimate data asynchronously 15. Server handles evil data asynchronously 16. Server stores data in a CSV and txt file for evil data 17. Server calls signup on legitimate email addresses 18. Server calls signup using scanned emails from evil data 19. Server awaits next victim |
| **Notes** | Note that users with existing accounts on a&w cannot be registered again. The client has no way to validate these emails. |