Sync Or Swim Use Cases Normal.png

* Normal
  + File Syncing
    - Sync my files between local machine and server - Standard primary functionality of system. Takes a set of files, that is set to be encrypted by default, and syncs them between the FTP server, Watchman and the local machine.
    - Sync a file that is not encrypted - Sets a file in the sync file set to not be encrypted when syncing occurs.
    - Set files to be ignored in sync - Keeps files from being added to set of synced files. Connected to sync files because it affects the set of files that are synces
    - Remove file from sync - Self explanatory. Connected to sync files because it affects the set of files that are synced.
  + Non Syncing
    - Generate crypto key - Create a cryptography key for use with a particular file set
    - Set crypto key - Provide the cryptography key use with a particular file set; connected to Generate key because when you generate a key it is set as the key for the set of files related to the key
    - Decrypt a file - Use a key to decrypt a file/file set
    - Encrypt a file - Use a key to encrypt a file/file set
    - Specify folders to watch - Add files to Watchman's set of watched files
    - Verify User - Log in to the FTP server

Sync Or Swim Use Cases Alternate and Exceptional.png

* Alternate
  + No such file in server - User attempts to get a file that is not synced to server.
  + Invalid crypto key - Key can not possibly used in encryption or decryption (Invalid format, invalid characters, etc.)
  + No new changes - File has not changed and no resyncing is needed for it.
  + Incorrect verification information - Incorrect verification information provided when user is being verified
* Exceptional
  + Local Machine shuts down unexpectedly - Server-side file integrety must be maintainable despite the possibility of power failure.