# Supplementary document for paper: Generating and Attacking Passwords with Misspellings by Leveraging Homophones

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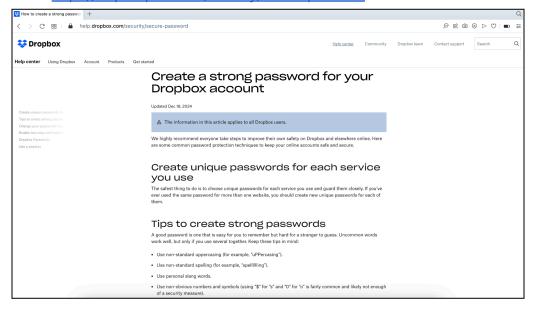
#### IFIP Sec 2025

An examination of today's password policies and advice from different websites reveals that many major companies suggest avoiding dictionary words altogether, even advocating for using misspelled or non-standard spellings. Below, we provide examples of these recommendations, along with links to the original statements. However, since websites frequently update their guidelines or change URLs, this page serves as an archive of screenshots documenting these policies. The links were last accessed on March 25, 2025.

- 1. <u>Dropbox</u>: Use non-standard spelling (for example, spellillling).
- 2. <u>Paypal</u>: Misspelled words are stronger because they are not in the dictionary used by attackers.
- 3. **Fordham University**: Totally misspell an easily remembered word or phrase.
- 4. Amazon: Do not use a word that is in a dictionary.
- 5. **Twitch**: Be creative! Don't use single dictionary words.
- 6. X (Twitter): Do not use common dictionary words.

## Dropbox

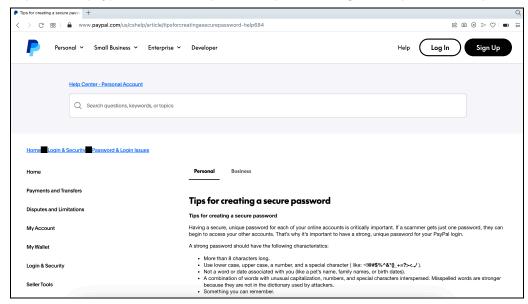
Link: https://help.dropbox.com/security/secure-password



### Paypal

Link:

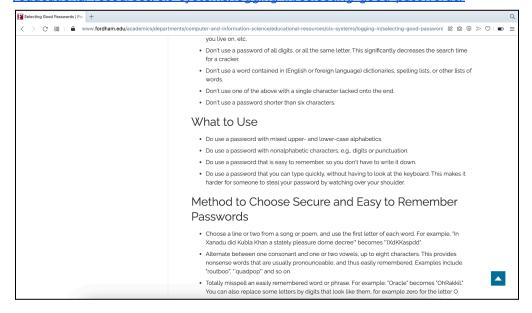
https://www.paypal.com/us/cshelp/article/tipsforcreatingasecurepassword-help684



## Fordham University

Link:

https://www.fordham.edu/academics/departments/computer-and-information-science/educational-resources/cis-systems/logging-in/selecting-good-passwords/



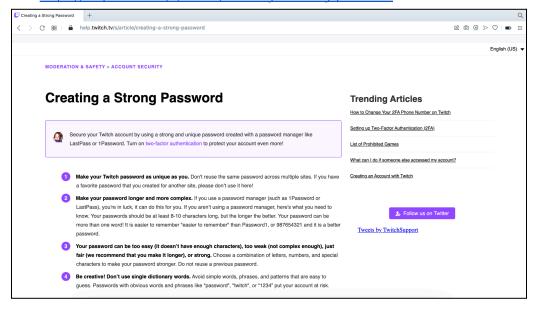
#### Amazon

Link: https://pay.amazon.com/help/201212250



#### Twitch

Link: https://help.twitch.tv/s/article/creating-a-strong-password



## X (Twitter)

Link: <a href="https://help.x.com/en/safety-and-security/account-security-tips">https://help.x.com/en/safety-and-security/account-security-tips</a>

