

Pidgey - Tudor Ganshaw, Steven Wu, Andrew Tsai

## Design Doc—TARGET SHIP DATE: {2025-11-07}

Program Components:

- Webpage Displayer:
  - Page database
    - Contains HTML filename, title(serves as link), creator, unique id
    - Create a compiled history of edits using the webpage id and user id
    - Separate folder on system to store HTML files
  - Login System/Tokens
    - Login Info Database
    - Hashing algorithm to map username to pw
    - Stores id w/ username
  - hyperlinks between webpages
- Webpage Editor:
  - Hyperlink on each page allowing user to edit text
  - Form to submit new text replacing contents of old HTML file
    - Overwrites in Page database
  - Uses Login token to fetch username to store in edit data
  - Uses Page database in order to fetch HTML for page editor
- Profile page generator:
  - Uses edit database to select edits with same id
  - Search webpage database for creator with same id
  - HTML template to format

Tasks:

- Create Page database populator and template for editor page and display page
- Create Login data hasher and database populator + webpage
- Create Navigation page + corresponding python script
- Create Profile page template

