

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

