Technological Figures Web App:
Milestone 5

Steve Jobs

...en Paul Jobs (February 24, ... – October 5, 2011) was an ...ican businessman. He was ...known as the co-founder, ...man, and chief executive ...r (CEO) of Apple Inc.; CEO ...argest shareholder of Pixar ...ation Studios; a member of ...Valt Disney Company's board ...ectors following its acquisition ...ar; and founder, chairman, ...EO of NeXT Inc. Jobs is ...y recognized as a pioneer of ...icrocomputer revolution of...

...founder Steve Wozniak. Shortly after his deat... ...r Isaacson, described him as the "creative ...perfection and ferocious drive revolutionized s... ...animated movies, music, phones, tablet ...."

Steve Jobs

Mark Zuckerberg

...iot Zuckerberg (born May 14, ...s an American computer ...mmer and Internet entrepreneur. ...st known as one of five co- ...s of the social networking website ...k. Zuckerberg is the chairman ...f executive of Facebook, Inc. His ...l wealth, as of July 2015, is ...ed to be $38.6 billion. Zuckerberg ...s a one-dollar salary as CEO of ...k. Zuckerberg was born in 1984 ...Plains, New York. He is the son ...st Edward Zuckerberg and ...rist Karen Kempner. He and his ...sters, Randi, Donna, and Arielle, ...ought up in Dobbs Ferry, New York, a small Westchester County vill... ...0 miles north of New York City.

...ore on Facebook founder, Mark Zuckerberg

Reed Hastings

...991, Reed founded Pure ...ware, which made tools for ...vare developers. After a ...5 IPO, and several ...isitions, Pure was acquired ...ational Software in 1997. ...d is an active educational ...nthropist and served on the ...ornia State Board of ...cation from 2000 to 2004. He ...rrently on the board of ...ral educational organizations ...ding CCSA, Dreambox ...ning, KIPP, and Pahara, and the Hispanic Foundation of Silicon Valley. Ree... ...a board member of Facebook, and was on the board of Microsoft from 200... ...012. Reed received a BA from Bowdoin College in 1983, and an MSCS in ...cial Intelligence from Stanford University in 1988. Between Bowdoin and ...ford, Reed served in the Peace Corps as a high school math teacher in ...ziland. Reed is married with two children.

... more on Netflix CEO, Reed Hastings

About Milestone 5

- This app is written using HTML, CSS, Python, and Python Flask. ***Important:*** *Flask must be installed to run this web app. Flask installation can be achieved by executing 'sudo pip install Flask' in a command line or terminal.*

- To start the server, cd into the "Fazio Milestone 5 (Final)" folder using a command line or terminal and run the file "app.py" by executing 'python app.py'. The web server runs on localhost:4000.

- Milestone 5 includes the final few missing features from my proposal, as well as refinement of existing features. The most notable new features include a fully functioning create-a-page feature and a fully-functional comment system on all pages, pre-existing or user-created.

- The database currently houses 9 accounts, all of which should at least have some data in them. The only user with a fully created page is the user j (my testing account). The rest of the accounts can be played with and used at will, and additional accounts can be freely created and used for all aspects of this web app. Passwords for each existing user are as follows (same as Milestone 4):

j:j

jfazio13:yankees13

julia:james

james:julia

mom:ryan

ryan:mom

dad:jeff

jeff:dad

clover:12345

Continue to next page for Changelog

Changelog:
Milestone 5

- JavaScript added to even more pages

- Implemented fully-functional comments system:

  - The comment feature works as follows: A table exists for each of the pre-existing pages, as well as for each user's creatable page. This table houses the actual comments in one column and the user who made the comment in a second column. To view existing comments (you must be logged in to access commenting), the user clicks on the speech bubble button in the bottom right of each page's header, which will open a JavaScript popup window. The database is read from the server and existing comments are displayed to the user. At the bottom of the window is a small HTML for where the user can add a comment. The comment appears as soon as the user hits the submit button, no page refresh needed.

- Implemented fully functional create-a-page feature:

  - The create-a-page feature works as follows: Upon account creation, two new tables are created for each user; the first table is for storing information on the user's page, while the second is for commenting on the user's page. To begin creating a page, the user selects the Create New Page link in the nav bar (only accessible if logged in). The user is presented with the un-edited initial version of their page. The edit page button in the top left corner will present the user with a large HTML form used to update the information on their

page. Any changes that they make will update on the current page immediately, and the changes are stored in the user's page database. The page can always be edited and there are no limits to the amount of times the page can be edited.

- To access other user's pages, there is a selector on the home page and on the view user's page. A backend process fetches the selected user's page from its database and injects it into the HTML to display the user's page. Users can freely share and comment on these pages in the same way as pre-existing pages. Users cannot like other users' pages.

- Many small CSS and style refinements throughout

- New, slightly darker color scheme for nav bar, page sections, and JavaScript popups

- Removed all blank, white page alerts (previously used for password mismatches, etc.) Replaced with JavaScript powered statements that alert the user when there is an issue with their submission.

- Fixed Milestone 4 known issue requiring a page refresh to show a new like on a page

- Miscellaneous bug fixes and refinements to existing platform throughout

Continue to next page for Progress Report

Progress report: Milestone 5

- It took me quite a while to figure out how I could implement a create-a-page system using Flask and its app.routes. I eventually decided on its current implementation after failing at some other implementations requiring multiple app.routes. I also struggled with the like feature for user pages, as I had no way to tell the backend which page a user was browsing (as I could for commenting and sharing with a hidden form element). If there were to be a Milestone 6, liking would be included.