## Software System Container Container Flask Application HTML Application Used as server-side application. Used as client-side application. Provides interface between client-side Provides interface for the end-user application and GitHub API Component get\_data() Component Component Component Function that gets the data data.html Component index.html Component home() from GitHub API, Page that displays scraped Page that has a form to visualize() visualization.html Function that displays the processes it and displays Function for data data from GitHub API and search for the repo and Page that contains python homepage with the form to the user. It also has a redirects to the page with visualization redirects to the visualization for repo and timeframe redirect button for the visualization the data visualization