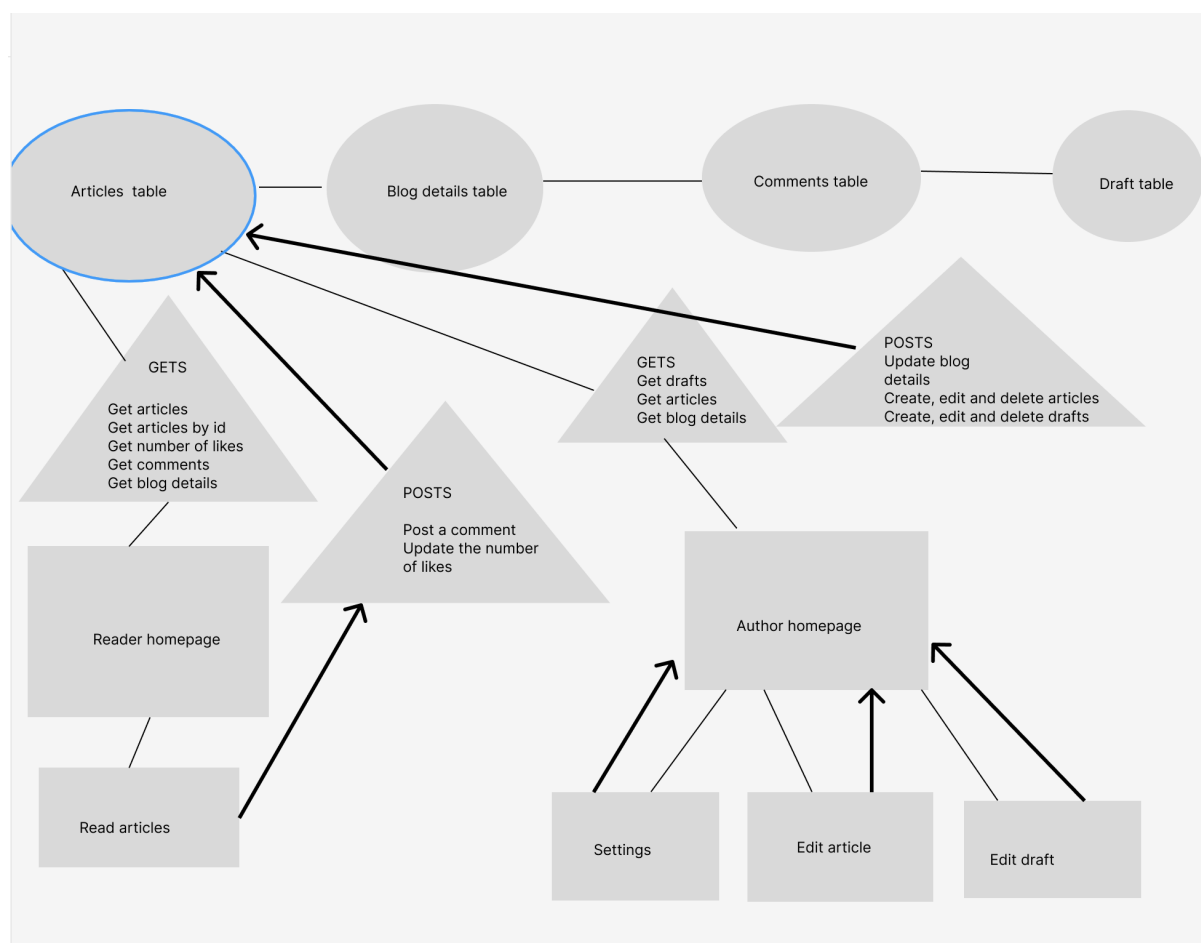
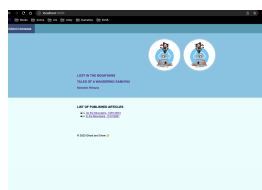


## Schematic Diagram:

The image below provides a high level diagram of how the separate components in the application interact with each other.



## Extension - Front End Styling and GUI:



The extension for this midterm focuses on front end styling and GUI - in particular creating a CSS file from scratch. The reason for creating the CSS from scratch – using sources such as [W3Schools](https://www.w3schools.com/css/) - was motivated by a desire to be creative without any reliance on CSS frameworks such as [Bootstrap](https://getbootstrap.com/).

The CSS used for the web application can be located in the *public* folder under the subdirectory *css/styles.css*. The stylesheet uses a *div* container to structure how elements are laid out across the page (60-67, *styles.css*). The layout also uses muted colours such as blue and purple, so as not to be obtrusive. [ColorHunt](https://colorhunt.co/) proved to be helpful when it came to selecting the colour palettes used throughout the web application. Furthermore, the logo image is reflected (50-51, *styles.css*). It is also used across all the pages – just like the footer.



Moreover, each *body* in one of the views contains its own background colour to ensure that the website is unique and aesthetically pleasing (8-36, *styles.css*). The buttons are gradient with the styling for these having been sourced from [CSS Gradient Buttons](https://cssgradientbuttons.com/) with some minor modifications made (69 - 114, *styles.css*).

