

PROGRESS REPORT #5	
<b>Course Code:</b> CPE 201L	<b>Program:</b> BSCpE
<b>Course Title:</b> Data Structure and Algorithm	<b>Date Performed:</b> October 11, 2025
<b>Section:</b> 2A	<b>Date Submitted:</b> October 11, 2025
<b>Group Members:</b> <b>Leader:</b> Villanueva, Bryan O. <b>Members:</b> Asugas, Kenneth R. Regondola, Jezreel P. Ruperto, April Anne A. Villacin, Justine R.	<b>Instructor:</b> Engr. Maria Rizette H. Sayo
<b>1.Objectives</b>	
This project aims to implement the following: <ul style="list-style-type: none"> <li>• To complete the final design of our application and make sure it is presentable and user-friendly.</li> <li>• To create the front end of the project using HTML, CSS, and Python, and connect it with the design.</li> <li>• To apply what we learned in Data Structures and Algorithms in the actual project, especially in organizing the flow and structure of the program.</li> </ul>	
<b>2. Discussion</b>	
In this part of the project, we focused on finishing the design and starting the front-end development of our application. We continued the layout and made sure the design was simple but clear for users. Canva was used to polish the visual parts, while Visual Studio was our main tool for coding. For the coding, we worked on HTML, CSS, and Python to bring the design into an actual program. The HTML and CSS were used for the structure and style of the front end, while Python was prepared for the functions that we plan to add later. Each member of the group participated in both the design and coding tasks, making sure that the work was shared and completed on time.	
<b>3. Materials and Equipment</b>	
<ul style="list-style-type: none"> <li>• <b>PC</b> – Personal computer used to run programs, save files, and do tasks like typing, browsing, or coding.</li> <li>• <b>Visual Studio</b> - A compiler to write and run html, js, css, and python.</li> <li>• <b>Canva</b> – For designing of the application.</li> </ul>	
<b>4. Procedure</b>	
<ol style="list-style-type: none"> <li>1. Continuation of the design – finishing of the final design for the application.</li> <li>2. Front end – Creating of a front end for the application</li> <li>3. Coding – Writing of HTML, CSS, PYTHON of the front end.</li> </ol>	
<b>5. Output</b>	

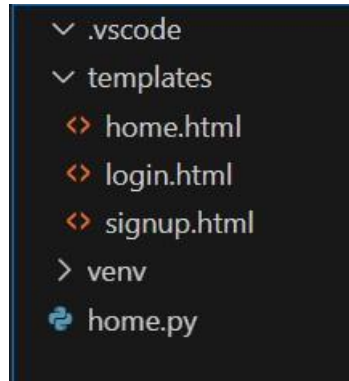


Figure 1

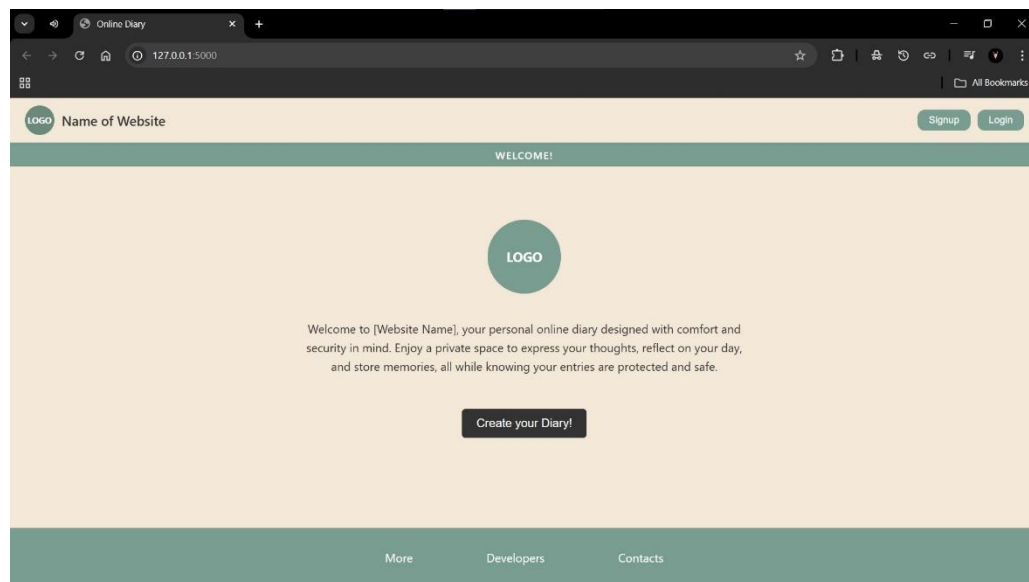


Figure 2

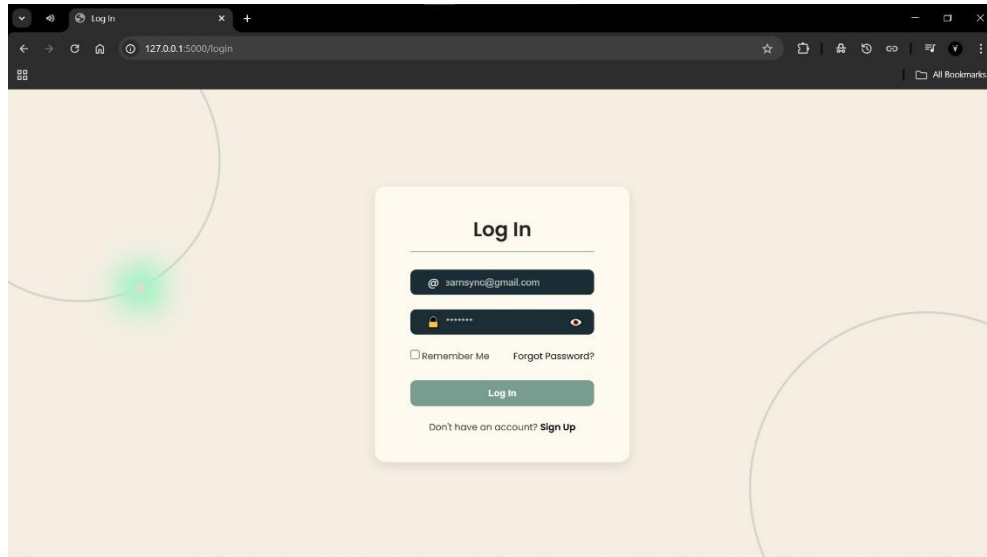


Figure 3

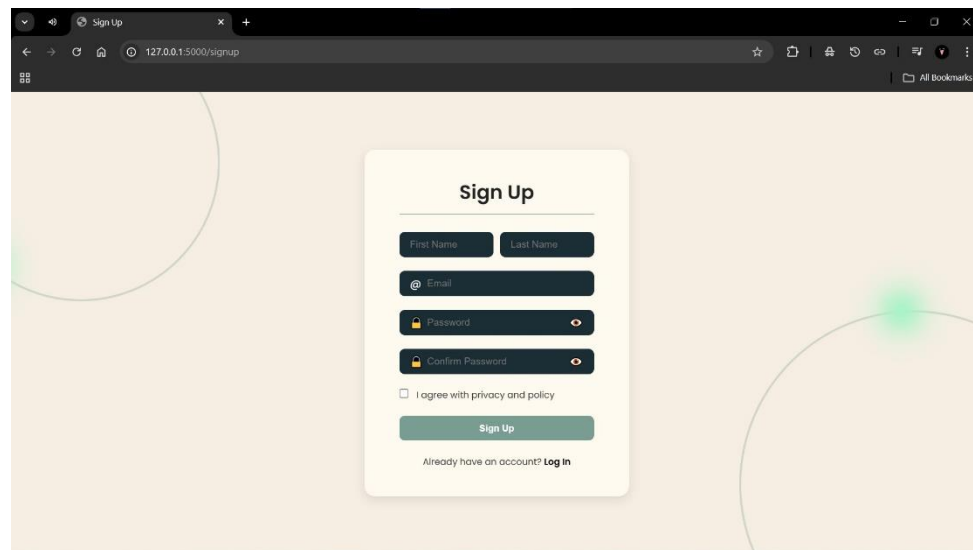


Figure 4

## 6. Conclusion

In this progress, we continue developing our project by beginning the implementation of the new front-end interface. After finalizing our design plans and layout structure, we transition to the actual coding stage. We focused on structuring the home layout, adding essential elements such as buttons and other interactive features that contribute to an intuitive user experience. In addition, we worked on applying consistent styling, color themes, and typography to ensure visual harmony and professional presentation. We haven't decided on the name and logo for our website yet.

Total Points: 24