PROGRESS REPORT #4							
Course Code: CPE 201L	Program: BSCpE						
Course Title: Data Structure and Algorithm	Date Performed: October 11, 2025						
Section: 2A	Date Submitted: October 11, 2025						
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1.Objectives

This project aims to implement the following:

- To complete the final design of our application and make sure it is presentable and user-friendly.
- To create the front end of the project using HTML, CSS, and Python, and connect it with the design.
- To apply what we learned in Data Structures and Algorithms in the actual project, especially in organizing the flow and structure of the program.

2. Discussion

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.

3. Materials and Equipment

- **PC** Personal computer used to run programs, save files, and do tasks like typing, browsing, or coding.
- Visual Studio A compiler to write and run html, js, css, and python.
- Canva For designing of the application.

4. Procedure

- 1. Continuation of the design finishing of the final design for the application.
- 2. Front end Creating of a front end for the application

5. Output



Figure 1





Figure 2 & 3



Figure 4



Figure 5

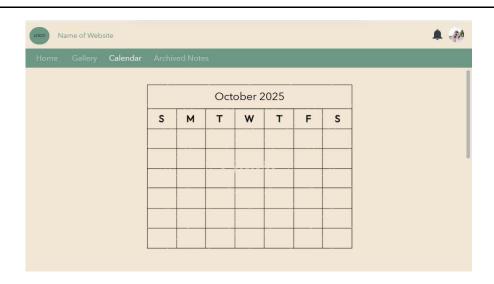


Figure 6



Figure 7

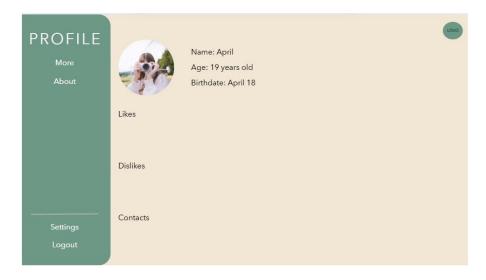


Figure 8

6. Conclusion

In this progress, we made a decision to transition our project from a mobile application to a website platform in order to make it more accessible and convenient for a wider range of users. Along with this transition, we also revised the design of our front end to better fit webbased interaction. We focused in creating a more responsive, user-friendly interface with improved navigation, visual consistency, and layout adaptability for different screen sizes.

Criteria	Ratings								Pts	
Student Dutcome 7.1 Acquire and apply new knowledge from outside sources.	6 pts Excellent Educational interests and pursuits exist and flourish outside classroom requirements, knowledge and/or experiences are pursued independently and applies knowledge learned into practice 5 pts Good Educational exist and flourish outside class requirements and/or experiences are pursued independently and applies knowledge		ational d pursuits purish sroom ts,knowledge eriences are ependently	4 pts Satisfactory Look beyond classroom requirements, showing interest in pursuing knowledge independently	3 pts Unsatisfactory J Begins to look beyond classroom requirements, showing interest in pursuing knowledge independently		Relies on classroom instruction only		n initiative	6 pts
SO 7 PI 2 Student Outcome 7.2 Learn Independently breshold: 4.8 pts	6 pts Excellent Completes an assigned task independently and practices continuous improvement	Good Completes an assigned task without	4 pts Satisfactory Requires minimal guidance to complete an assigned task	Requires deta or step-by-ste instructions t	Unsatisfactory Poor step-by-step instructions to complete a task 3 pts Unsatisfactory Apply the gathered information to formulate the problem		2 pts Poor Shows little interest to complete a task independently		1 pts Very Poor No interest to complete a task independently	
Student Dutcome 7.3 Critical chinking in the broadest context of eechnological change	6 pts Excellent Synthesizes and integrates information from a variety of sources; formulates a clear and precise perspective; draws appropriate conclusions	5 pts Good Evaluate information from a variety of sources; formulates a clear and precise perspective.	4 pts Satisfactory Analyze information from a variety sources; formulates a clear and precise perspective.	Unsatisfa Apply the gathered of information			Gather mmarized ormation variety of s but so ate the m	information	6 pts	
SO 7 PI 4 Student Outcome 7.4 Creativity and adaptability to new and emerging eachnologies breshold: 4.8 pts	6 pts Excellent Ideas are combined in original and creative ways in line with the new and emerging technology trends to solve a problem or address an issue.	5 pts Good Ideas and creative and adapt the new knowledge to solve a problem or address an issue	Ideas are creative in solving a	Shows : creative solve th	factory some e ways to ne proble	initi atte m devi crea to se	r Shows ative and mpt to	Shows Very and Id of to compare ideas the	1 pts Very Poor deas are copied or restated from the sources consulted	6 pts