PROGRESS REPORT #3							
Course Code: CPE 201L	Program: BSCpE						
Course Title: Data Structure and Algorithm	Date Performed: September 20, 2025						
Section: 2A	Date Submitted: September 20, 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
- 3. Coding Writing of HTML, CSS, PYTHON of the front end.

5. Output



Figure 1 Figure 2



Figure 3

Figure 4

```
text {
    color-war(-text);
    line.height:1.6;
    font-size.hys;
    text-align:justify;
    mar-widthccalc(100% - 56px);
}

.bottom-naw {
    position:fixed;
    left:0;
    right:0;
    bottom-0;
    display:flex;
    justify-content:conter;
    align-items:center;
    background:ramsporent;
    padding:lipe 0 24px;
    pointer-events:none;
}

.naw-inner(
    width:sook;
    mar-width:war(--page-max);
    margin:a maro;
    display:flex;
    justify-content:conter;
    align-items:center;
    background:ramsporent;
    padding:lipe 0 24px;
    pointer-events:none;
}

.naw-inner(
    width:sook;
    mar-width:war(--page-max);
    margin:a maro;
    display:flex;
    justify-content:space-between;
    align-items:center;
    padding:norder-box;
    pointer-events:auto;
}

.naw-icon (
    width:Sook).
```

Figure 5

6. Conclusion

In this progress, we were able to complete the main design of our application and start building the front end. It was a good experience because it combined both creativity and technical skills. We learned how important it is to plan the design first before coding so that the work becomes easier and more organized. Working together as a group also made the tasks lighter, and each member contributed ideas and effort. We also gained more practice in using tools like Canva and Visual Studio, which will be very useful in future projects.

Criteria	Ratings									Pts	
SO 7 PI 1 Student Outcome 7.1 Acquire and apply new knowledge from outside sources. threshold: 4.8 pts	6 pts Excellent Educational interests and pursuits exist and flourish outside classroom requirements, knowled and/or experiences are pursued independent and applies knowledg learned into practice	interests and exist and floutside cladge requiremente and/or exply pursued in	nd pursuits ourish	onal Satisfactory Unsursuits Look beyond Be Classroom Iool Iool		beyond Begins to look beyon rements, classroom ing requirement est in showing ing interest in ledge pursuing		to Relies on classroom instruction nents, only			6 pts
Student Outcome 7.2 Learn independently threshold: 4.8 pts	6 pts Excellent Completes an assigned task independently and practices continuous improvement	5 pts Good Completes an assigned task without supervision or guidance	4 pts Satisfactory Requires minimal guidance to complete an assigned task			y iled ep	Poor Shows little interest to complete a task		1 pts Very Poor No interest to complete a task independently		6 pts
Student Outcome 7.3 Critical thinking in the broadest context of technological change threshold: 4.8 pts	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 variet sources; formulates a clear and precise perspective.		3 pts Unsatisfac Apply the gathered informatic formulate problem	the i		late the	n information		6 pts
Student Outcome 7.4 Creativity and adaptability to new and emerging technologies threshold: 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 ar creative and adapt the new knowledge to solve a probler or address an issue	Ideas are creative in solving a	or	3 pts Unsatisfactor Shows some creative ways solve the prol		ini att em de cre to	ots or Shows tiative and empt to velop eative ideas solve the oblem	V lo	pts fery Poor deas are opied or estated from he sources onsulted	6 pts