BETTERNOTE

WEBSITE IMPLEMENTATION- DESIGN REPORT
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INTRODUCTION TO WEB
DESIGN

HTML

HTML presents the structures of the sites, including the navigation, content of reference page, positions of images and further styling for BetterNote. The core structure will additionally be enhanced by Cascading Style Sheets and JavaScript.

Cascading Style Sheets (CSS) enhances the styling of the website and HTML elements. In details, CSS provides font size, font types, image positions, animations, sliders and colors for the frontend.
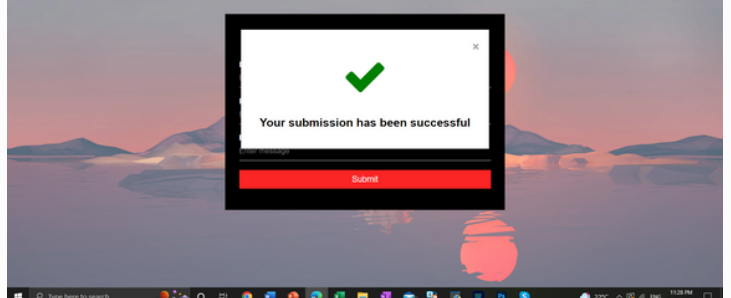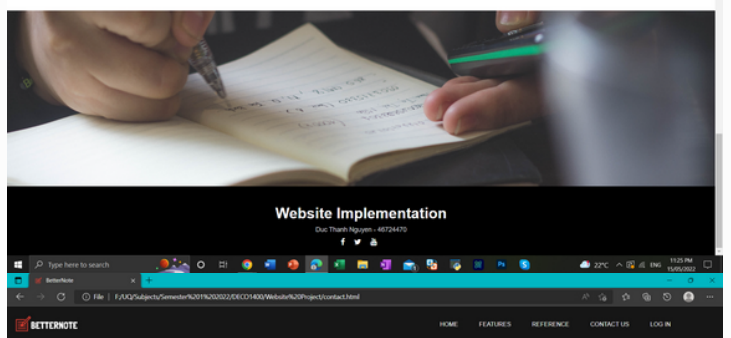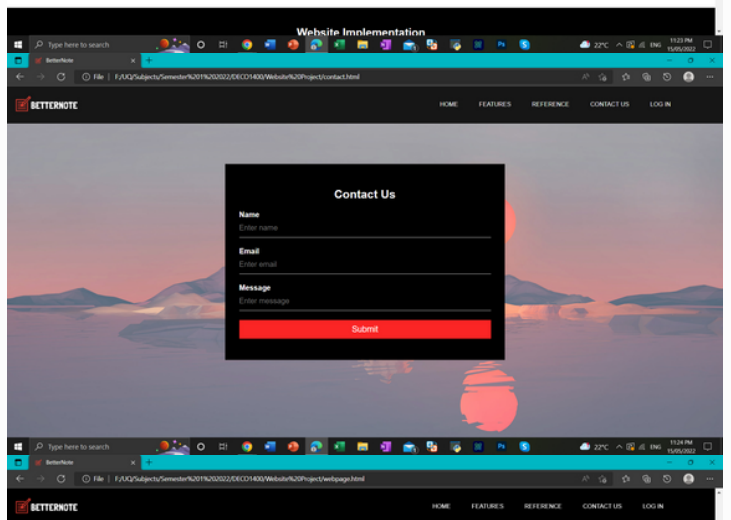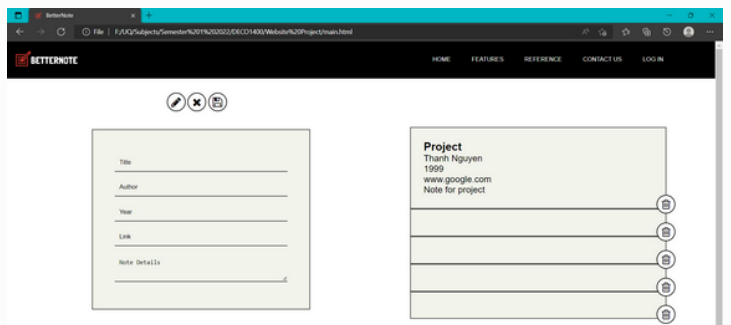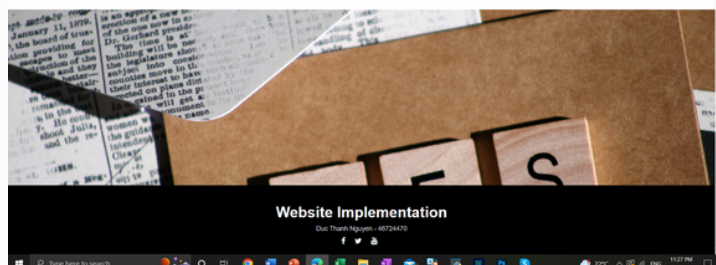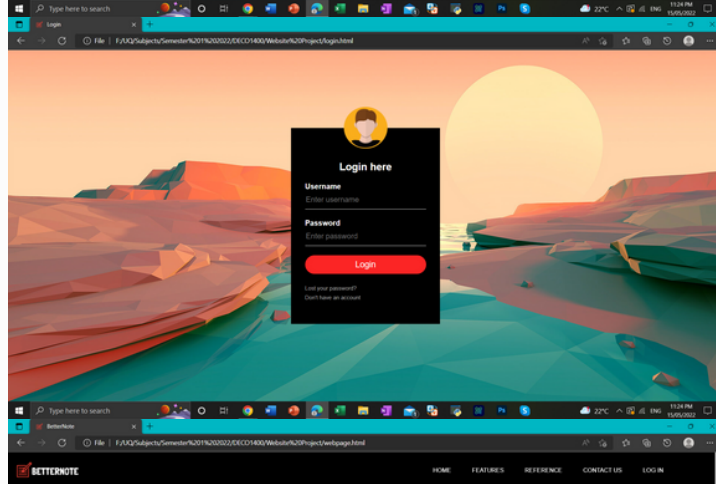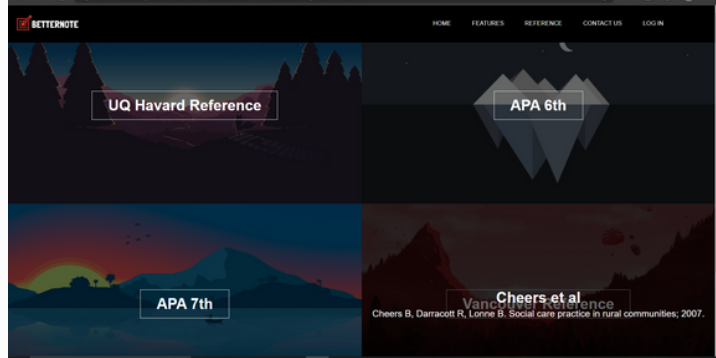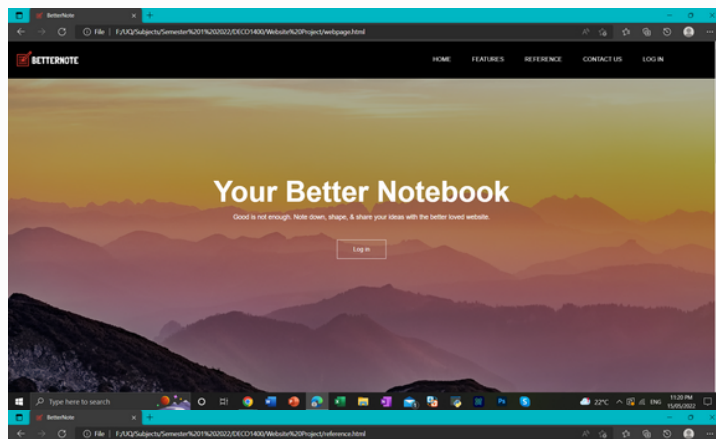
CASCADING STYLE SHEETS

JAVASCRIPT

Javascript, in website implementation, plays the role to store information, create special effect or create functioning tools. In particular, JavaScript stores information typed in by users in BetterNote, displays the information and presents pop-up page when clicked by users

SUMMARY OF IMPLEMENTATION

SCREENSHOTS OF THE WEBSITE

CHALLENGES

USER EXPERIENCE DESIGN
In order to create impressive user experience design, the website ought to be responsive, advanced, simple to understand and clear.

SITE USABILITY
The idea of a website has to be beneficial for the community. Furthermore, it should be easy for users to navigate, find functions and utilize it.

SITE READABILITY
A website should be clear and match between the real world and system. However, it is not always the case with websites with coding and functions.
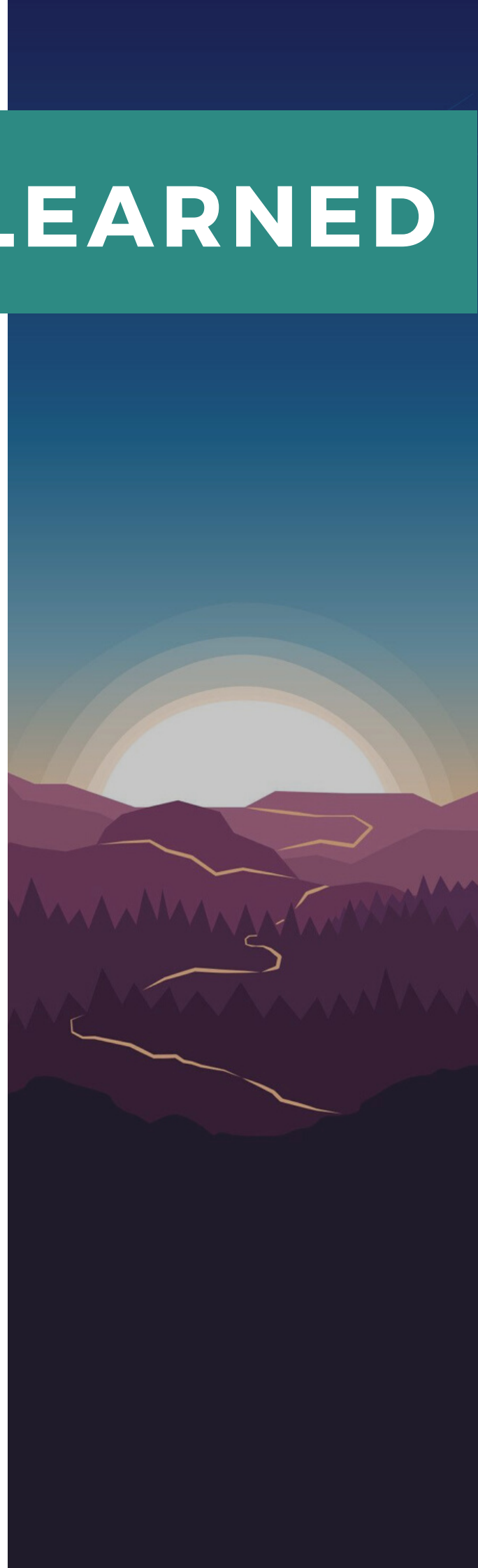
LESSONS LEARNED

WEBSITE USABILITY
Starting from the experience as an user, the design and first impression of the website decides the users' decision to return and continue to use the features. Therefore, the website usability is the top priority in designing website.

MISTAKES & RESEARCH
In order to create and implement a website, one has to research other websites. With the experiences and past websites create, mistakes can be avoided, which save time and increase efficiency.

PLANNING & FEEDBACK
A website needs multiple steps before being displayed including brainstorming, planning, low prototype designing or high prototype designing. These steps are important to create an interactive website. Furthermore, feedback is recommended for each stage of implementing a website.

NIELSEN'S USABILITY HEURISTICS

AETHESTIC AND MINIMAL DESIGN

BetterNote only contains relevant information and removes extra content. For example, feature page only shows note taking function. Contact page only presents the contact form and reference page displays referencing information.

CONSISTENCY AND STANDARDS

All the terms are identified relevant to its functions. There is no similar term which is difficult to differentiate. All phrases lead to different concept and situations

MATCH BETWEEN SYSTEM AND REAL WORLD

All the phrases can be understood easily and familiar to the user. These terms include contact us, log in or features.

CONCLUSION

BETTERNOTE

The website report outlined the summary of implementation, screenshots of BetterNote, challenges faced while implementing the website, evaluation of the website based on Nielsen's ten usability heuristics, conclusions and future work. In order to create a functional and interactive website, multiple steps are required including planning, designing and evaluating.

FUTURE WORK

BetterNote supports college students in taking note of articles and evidence by using the feature of saving the main ideas and key information. Besides college students, the function can also be utilized in any industry that requires taking notes.

Nevertheless, BetterNote possesses room to improve. Firstly, the design of the website can be altered for further usability, readability and closer to the real world. Secondly, the main feature of BetterNote can be improved with different functions such as automatic referencing from the given information, filtering or categorizing. Thirdly, the efficiency of the feature can improve by more interactive note taking, design and different note taking functions