**CS 212 - Project Proposal Template**

Follow the instructions provided on the right side and replace the grey text with your details.

**Group Details:**

| Student 1 Name | Seamus Hamilton |
| --- | --- |
| Student 1 Email | sjh559@nau.edu |
| Student 2 Name | Carson Shah |
| Student 2 Email | [Cas2343@nau.edu](mailto:Cas2343@nau.edu) |
| Student 3 Name | Marcus Luca |
| Student 3 Email | **mdl429@nau.edu** |

**Project Details:**

***Copy the details from the pre-defined ideas page.***

| Title | **Notes Taking Application** |
| --- | --- |
| Problem Statement | In today’s fast-paced world, people need an efficient way to capture and organize their thoughts, ideas, and important information. A notes-taking application can help users easily create, manage, and retrieve their notes. |
| Project Idea | Create a notes-taking application using HTML, CSS, and JavaScript that allows users to create, edit, delete, and organize their notes in a user-friendly interface. |
| Project Components | * **Create, Read, Update, Delete (CRUD) Notes:**   + Enable users to create new notes with details such as title, content, and date using forms.   + Display a list of notes in the dashboard, showing the title and a preview of the content.   + Allow users to edit and update note details directly from the dashboard.   + Provide the option to delete notes accordingly. * **Organize Notes:**   + Implement a tagging system that allows users to categorize their notes with tags (e.g., work, personal, study).   + Enable users to filter notes by tags to easily access related content. * **Search Functionality:**   + Implement a search feature that allows users to quickly find notes based on keywords in the title or content.   + Use JavaScript to filter and display the notes that match the search criteria. * **User-Friendly Interface:**   + Design an intuitive and clean interface that enhances the user experience with clear navigation.   + Use CSS styles to visually distinguish between pinned, archived, and regular notes. |

**Task Planning:**

1. Phase-1:

Avoid incorporating generic information, as it may result in penalties. List and divide all the tasks related to Phase-1 Deliverables.

*Note: Feel free to delete the column of Student 3 Tasks if you have only 2 members in your team.*

| Phase-1 Deliverables | Create the HTML templates for the cards the header and the footer  Get auto populate to work with the cards  Animate the cards and their functionalities  Apply bootstrap and CSS formats | | |  |
| --- | --- | --- | --- | --- |
| Student 1 Tasks | | Student 2 Tasks | Student 3 Tasks | |
| Develop the main page layout  Apply CSS and Bootstrap | | Animate the card transitions | Develop the templates | |
| Design the header and footer html | | Create the title and tag section for the current card | Auto populate the notes as cards | |
| Design html main content section | | Create a space for the delete and edit buttons | Get textbox for notes and tags | |
| Design the columns and rows for cards | | Create the space for the note information | Get scroll to behave | |
| Get card on click to work | | Create clicked card format | Get dropdown and alerts to work | |
|  |  |  |  |  |

2. Phase-2:

Avoid incorporating generic information, as it may result in penalties. List and divide all the tasks related to Phase-2 Deliverables.

*Note: Feel free to delete the column of Student 3 Tasks if you have only 2 members in your team.*

| Phase-2 Deliverables | Code the sort, delete, add buttons  Create the drop down menu for the search function | | |  |
| --- | --- | --- | --- | --- |
| Student 1 Tasks | | Student 2 Tasks | Student 3 Tasks | |
| Make the drop down menu functional | | Code the delete and edit buttons | Get data to store in local storage json | |
| Create a search function button | | Code the add note button. | Get data to populate based on local storage json | |
| Create a code that will allow the user to search through existing notes | | Make the new alert send it’s info to the local storage array | Code an escape button | |
| Create the an extra section that will display the total number of cards | | Get # of nodes field to populate correctly | Make sure the delta button is given a double prompt | |
| Create a sort function that will sort notes by their tag. | | Make the cards preview show a proper amount of characters | Delete properly is reflected in local storage. | |
|  |  |  |  |  |

**Project Mock-Up Screens:**

- Sketch your mock-up screens using pen or pencil on paper. Alternatively, if you prefer digital tools like Figma or draw.io, you may use them.

- Incorporate mock-up screens corresponding to the project components or task list.

- Capture screenshots of your mock-ups and attach them in this section.

