

Task Session (4)

Session 4: Creating a Responsive Navigation Bar with Bootstrap Components

Objective: Utilize Bootstrap components and utilities to create a responsive navigation bar similar to the example provided.

Instructions:

1. Navigation Bar Setup:

- Start by creating a navigation bar at the top of your webpage using Bootstrap's ``navbar`` class.
- Ensure the navbar is dark-themed by using the ``bg-dark`` class for the background and ``navbar-dark`` for the text.

2. Incorporating the Image:

- Add a small logo or image to the left side of the navbar. Use the ``img-fluid`` class to ensure the image is responsive and scales properly.

3. Adding Menu Items:

- To the right of the image, create a list of navigation links (``Home``, ``About``, ``Services``, ``Contact``) using Bootstrap's ``nav`` and ``nav-item`` classes.
- Style these links with ``nav-link`` for a clean, consistent look.

4. Dropdown Menu:

- Add a dropdown menu to one of the navigation items (e.g., ``Services``). Use Bootstrap's ``dropdown`` and ``dropdown-toggle`` classes to implement the dropdown functionality.
- Populate the dropdown with a few items representing different services.

5. Flex Utilities (D-Flex):

- Ensure that the navigation items are aligned horizontally and distributed evenly by using Bootstrap's flex utilities (``d-flex``, ``justify-content-between``).
- Adjust the alignment as needed using ``align-items-center`` to center the items vertically within the navbar.

6. Additional Enhancements:

- Optionally, you can add badges next to some of the navigation items using the ``badge`` class to highlight certain features (e.g., ``Contact`` with a notification count).
- Implement collapsible functionality using the ``navbar-collapse`` class to ensure the navbar is responsive on smaller screens.

example

[Home](#)[About](#)[Services](#)[Contact](#)