002 What Is Bootstrap Why Use It

Features of Bootstrap used in this course:

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| |  |  |  | | --- | --- | --- | | **UI Utilities:** | **CSS Components:** | **JavaScript Widgets** | | Grid System | Forms & Input Groups | Carousel Slider | | Text & Typography | Tables | Collapsible Accordion | | Positioning (blocks, inline) | List Groups | Modals | | Spacing (margin) | Cards | Tooltips (hover over) | | Sizing (width, height) | Progress Bars | Popovers (hover over) | | Alignment (text) | Alerts | ScrollSpy | | Color | Navbar & Menus |  | | Images (fitting, circular) | Button & Button Groups |  | | Responsive utilities | Pagination |  | | Shadows | Media Object |  | | Border | Jumbotron |  | |  | Badges (list of categories) |  | |  |
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| 003 What’s New in Bootstrap 4  Improved Grid System & Layout:   * Changes in the underlying architecture. * rem & em units instead of pixels. * New -xl tier for extra large screens. * Grid now uses flexbox.   Flexbox:   * Includes flexbox utilities. * Use flexbox to manage grids, navigation, components and more. * Display utilities can transform children items into flex items. * <div class=”d-flex p-2”>flexbox container.</div>.   Cards:   * Cards replaces panels, wells and thumbnails. * Uses flexbox. * Get same behavior with modifiers. * As little markup as possible. * .card-body instead of .well. * Use .card-title for titles. * Image Headings.   Navbar:   * Flat design. * Uses flexbox instead of floats. * Wrapping .navbar with .navbar-expand{-sm | -md | -lg | -x} for responsive collapse. * Color Scheme.   Form:   * Dropped the .form-horizontal class. * Forms using grids require the .row class and can use .col-form-label for labels. * Uses .form-control-lg and .form-control-sm to increase or decrease the size of an input control. * Help text now uses .form-text class instead of .help-block.   Sass CSS Pre-Compiler:   * Moved from Less to Sass. * As of v3 Sass port was created and maintained. * Sass is favored in the web dev community. * Use of Libsass to compile faster.   Other Changes:   * Bigger fonts and headings. * Dropped support for IE8 + IE9. * Reboot module (build upon normalized CSS). * Inversed tables (.table-dark). * Glyphicons dropped (Font-awesome recommended). * Sizing & spacing classes. |  |
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