Assignments

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Basics of Bootstrap

Task 1
Estimated Time: 2 hours

NetDesigns is a software firm which develops Websites. Recently NetDesigns got a contract to develop a new Website. Assuming that you are the Bootstrap Web designer who has been assigned with the task of developing Bootstrap UI pages, perform the following tasks:

1.   Set up Bootstrap environment, implementing Bootstrap through CDN and other sources.

2.   List down the advantages of implementing Bootstrap.
3.   Study the file structure in Bootstrap and template designs.

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Understanding Programming in Bootstrap

Task 1
Estimated Time: 2 hours

Slackworks is a Webdesign software firm based in Australia known for developing Websites. Slackworks recently moved to Bootstrap for developing UI pages and is facing difficulties implementing Bootstrap. Assume you are the person assigned with the task of implementing Bootstrap controls in the new UI. Prepare a Proof of Concept (POC) for the client implementing:

1. Usage of components such as glyphicons, Navbar, Input groups, Pagination, Pageheaders, Badges, and Panels.

2. Programs for handling events in Bootstrap.

3. CSS and Javascript in Bootstrap.

Prepare a POC for submitting to Slackworks.

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Basics of jQuery

Task 1
Estimated Time: 2 hours

Tutonex is a Webdesign firm known for developing aesthetic Webpages for its clients, has implemented Bootstrap and jQuery in their pages recently. Assuming that you are the person assigned with the task of developing Bootstrap Webpages, prepare a Proof of Concept (POC) for the client, implementing:

1. jQuery and its usage in Bootstrap controls
2. Various modules such as selectors and functions in jQuery
3. JSON and its usage in jQuery and perform conversions to JSON

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Functions, Widgets, Plugins in jQuery

Task 1
Estimated Time: 2 hours

CoreUI is a Webdesign firm based in Hungary, known for developing Webpages using Bootstrap, has implemented Ajax and jQuery in their pages recently. Assuming that you are the person assigned with the task of developing jquery, Ajax functions in Bootstrap UI Webpages, prepare a Proof of Concept (POC) for the client, implementing:

1. Various types of functions in jQuery
2. Using AJAX (get, load) in Jquery
3. Widgets and datatables in jQuery

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Creating Bootstrap Responsive Layout

Task 1
Estimated Time: 2 hours

Amdox is a Webdesign firm based in Jamaica, known for developing Webpages using Bootstrap, wants to implement responsive pages using Bootstrap. Assuming that you are the person assigned with the task of developing these pages in Bootstrap, prepare a Proof of Concept (POC) for the client, implementing:
1. Achieving responsiveness in Bootstrap
2. Creation of simple responsiveness pages with Bootstrap
3. Text transformation classes and headers in Bootstrap

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Creating Webpages Using Bootstrap and jQuery

Task 1
Estimated Time: 2 hours

Amdox is a Webdesign firm based in Jamaica, known for developing Webpages using Bootstrap which shows analytics data, wants to implement responsive tables and customizing them for their data representation using Bootstrap. Assuming that you are the person assigned with the task of developing these pages in Bootstrap, prepare a Proof of Concept (POC) for the client, implementing:

1. Creation of tables in Bootstrap
2. Customizing Bootstrap controls
3. Usage of various tags such as blockquote, mark, and abbr on text blocks

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