ABC Learning Centre Website

Technical Manual

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On behalf of: ABC Learning Centre

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# Project Objectives

* Create a Single Page Application with the use of jQuery
* Create sub-pages to populate container page when different links are click
* Style page to look appealing to potential leads of ABC Learning Centre
* Utilise Javascript to improve interactivitiy

# Tools and platform used

The following table provides the list of tools and platform used along with its version.

|  |  |
| --- | --- |
| **Platform/Tools used** | **Version** |
| HTML | 5 |
| CSS | 3 |
| Javascript | 1.8.5 |
| jQuery | 3.4.1 |
| Visual Studio Code | 1.34.0 |
| XAMPP | 3.2.3 |

# Process

The main container page, (index.html) consist of 2 navigation bars at the top and bottom. An empty container is located at the middle of the page. This container is of fixed height and scrollable. A default content page loads when the document becomes ready.

The container contents is changed using jQuery AJAX calls when links located on the navigation bar is clicked. The top navigation bar has the following links:

* ABC logo (redirects to default page)
* About
* Contact
* Registration form
* Course

The About page shows details about ABC Learning Centre.

For both Contact and Registration form page, a form is available for submission. The details are as follows:

Table : Contact Form Details

|  |  |  |
| --- | --- | --- |
| **Fields** | **Types** | **Mandatory** |
| ***Method*** | ***POST*** | ***-*** |
| Name | Text | Yes |
| Contact Number | Text | No |
| Email | Email | Yes |
| Question Category | Options | No  (Default: Know more about the course) |
| Enquiry | Textarea | No |

Table : Registration Form Details

|  |  |  |
| --- | --- | --- |
| **Fields** | **Types** | **Mandatory** |
| ***Method*** | ***POST*** | ***-*** |
| First Name | Text | Yes |
| Last Name | Text | Yes |
| Gender | Radio Button | No  (Default: male) |
| Residential Address | Textarea | No |
| Phone No | Text | No |
| Select Course | Options | No  (Default: Basic HTML) |

The Course page displays the course titles and a brief description of the course. Clicking on each title brings the user to a more detailed course description page with the aid of a JSON file (course.json), including course price and course recommendations. These pages cannot be navigated using the address bar. On the side of the page, there is a currency convertor, with data used taken from a JSON file (currency.json). Upon clicking of a currency, the side bar is updated to its corresponding currency.

The bottom navigation bar has links to:

1. Sitemap
2. Privacy Policy

The sitemap provide links to all pages in alphabetical order.

The privacy policy page shows the company privacy policy.

# Additional files used:

These are the files used as data files:

1. Course.json
2. Currency.json