**Requirements Specification Document**

**Structure of the website:**

This is a single page website design wherein the home page is the single complete page and the rest of the content is dynamically being inserted with the help of JavaScript. On the home page is the header that contains the logo and name of the company which are clickable and act as home button, phone number of the company that when clicked activates dialer, buttons to navigate to another page. Important pages have been converted into clickable tiles positioned towards the end of the webpage along with a google maps tile with the link to company’s address. The page also has a footer that contains testimonies of some important customers.

Apart from this are the Signup button which takes you to user registration form, and a login button that takes you to registered user’s login page.

The website has also been optimized for different screen sizes using Twitter Bootstrap CSS Framework’s media queries.

**Structure of the code:**

* The code starts with index.html that has all the code for header and footer, and rest of the code for the body comes in the forms of snippets, all of which are in the snippets folder.
* The JS related files are in JS folder, php related are in php folder and so on.
* The DB connection details are maintained in php/db.php.
* The controller for movement among all the pages is js/script.js.
* The complete website styling is being handled by css/style.css.
* The content for all program’s pages comes form the json files present in the data folder.
* The body of the home page is controlled by snippets/home-snippet.html.
* The body of the login screen is controlled by snippets/login-snippet.html and all the related checks (DB Side) are performed in php/login-screen.php.
* The body of the registration form is controlled by snippets/form-snippet.html and further DB processing post submission is handled by php/submit-form.php.
* In the Programs page, the tile of the body is handled by snippets/categories-title-snippet.html and the different items being displayed in the page (different programs like reading, writing etc.) are being handled by snippets/category-snippet.html. The title and items of respective programs, when clicked, are handled by snippets/category-items-title-snippet.html and snippets/category-item-snippet.html respectively.

**Components Used:**

* MAMP – To host the website at localhost server.
* phpMyAdmin – To manage all DB related operations
* Twitter Bootstrap CSS Framework – To utilize the framework’s standard styling elements
* Eclipse – IDE to write all code.