ACCURA-TECH

Transforming Technology Into Wealth

Full Stack Developer Test

** This document <u>has 3 pages</u>. Please read all the pages before start the Test

This test will be based on **PHP, HTML, CSS, AJAX, JQuery/JavaScript, MySQL** and other selected technologies based on the candidate's choice.

- **40%** of the marks will be given for the UI/UX (Appearance) and **60%** of the marks will be given for the rest of the work.
- You're **<u>NOT limited</u>** to use any framework or CMS to demonstrate your skills, but preference will be given for those who demonstrate the work on **CodeIgniter** or **similar PHP framework**.
- You **<u>Must follow the OOP</u>** standards.
- You can use Bootstrap for your front-end development also you're **<u>NOT restricted</u>** to use any third party JS libraries (i.e. jQuery)
- All the **form fields and data should be validated** according to the best practices. (The mechanism of validation is solely depend on your choice)
- You **can use the internet**, but **<u>you're NOT allow</u>** to use third party templates, pre-define themes or third party materials who had been develop already to use in the test. (**<u>Will be given zero marks</u>**)

TASK OVERVIEW

1. Develop an interface which can add new Accura Members with their basic details, by selecting the DS Division. The data should be inserted into the database and success or failure message should be shown. **Refer Figure 01**

    P.S. – LastName should be a required field

Sample DS Division list (You can manually add below values to the table)

- Colombo 1
- Colombo 2
- Colombo 3

2. Develop an interface which lists down the inserted Accura Members with their corresponding details. There should be edit and delete facility. The search facility must also be available. **Refer Figure 02**
3. If someone going to insert a new record and the value of the *TextArea (Summery)* would be (uppercase) **"ACCURA"** then the word "ACCURA" should append with the LastName when the record save

    i.e.

    IF LastName: **Saman**
    IF Summery: **ACCURA**
    results will be display in the List view of LastName column: **Saman ACCURA**

Important:-

- Create a root folder same as **your name**
- MySQL database name must be **php_dev_<YourName>** (i.e. php_dev_saman)
- When application load it should **display the Accura Member List page**
- Add comments when you develop the application
- Usually Phpmyadmin username is **root** and no password (**Ignore this if you're an online candidate**)
- Consider about client and server side data validations
- *Once you finished the work Go to this link, and download a copy of the document. Fill all the information and save the document in your App root folder. Next take a database backup and put that on the root folder.* **Finally compress (ZIP) your root folder and upload to Google Document. Get the google doc shareable link and send to us. (***remember do not restrict the shareable link download option***)**

User view of the final application should looks like below:

- When user type the home page URL on browser, it should appear the "***Accura Member list***" page – ***Figure 02***
- User should able to click "***Add new Member***" button and insert new records
- User should able to ***search by last Name***, when he is on the List view page.
- When user click "Delete" button, records should delete with confirmation message
- When user click "Edit" button, records should be able to update
- When user type a word "***ACCURA***" on the TextArea(Summery), in the List view record should appear as ***LastName + ACCURA***
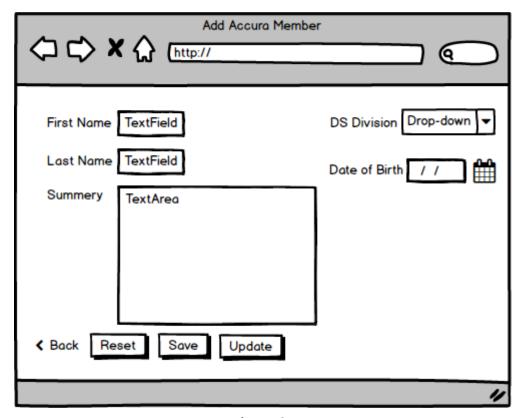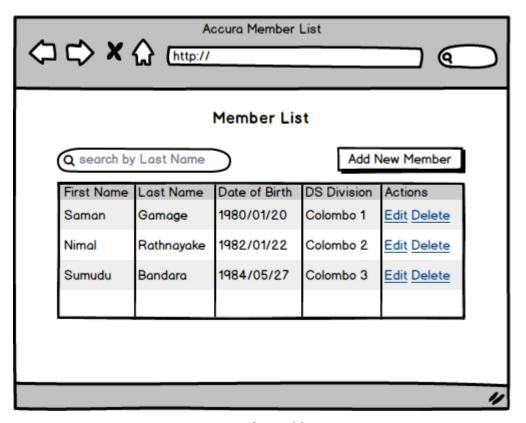

Figure 01

Accura Member List

Member List

Q search by Last Name   Add New Member

First Name	Last Name	Date of Birth	DS Division	Actions
Saman	Gamage	1980/01/20	Colombo 1	Edit Delete
Nimal	Rathnayake	1982/01/22	Colombo 2	Edit Delete
Sumudu	Bandara	1984/05/27	Colombo 3	Edit Delete

Figure 02