

Title: Creating a Web Form for Zoho CRM Deals and Accounts using Vue.js and Laravel

Objective: To create a web form using Vue.js and Laravel as a backend that allows users to create a deal and account in Zoho CRM using the Zoho CRM API. The form should contain **all** the required fields to create these records and the records **must be** linked to each other. Additionally, an automatic token refresh mechanism **must be** implemented to allow creation of records from the form at any time.

Scope: The form will be created using Vue.js and Laravel as a backend. It will include the following features:

- Ability to create a deal and account in Zoho CRM
- Linking of the deal and account records in Zoho CRM
- Automatic token refresh mechanism for uninterrupted creation of records

Requirements: The form should include the following fields for the deal record:

- Deal name
- Deal stage

The form should include the following fields for the account record:

- Account name
- Account website
- Account phone

If there are other mandatory fields required by the system, they must also be present in the form.

The form should map each field to the corresponding Zoho CRM field as follows:

- Deal name maps to "Deal Name" in Zoho CRM
- Deal stage maps to "Stage" in Zoho CRM
- Account name maps to "Account Name" in Zoho CRM
- Account website maps to "Website" in Zoho CRM
- Account phone maps to "Phone" in Zoho CRM

The form should also include the following functionality:

- Validation of all form fields to ensure that valid values are entered
- Display of error messages if an invalid value is entered
- Display of a success message if the records are successfully created
- Display of an error message if the records fail to be created
- Use of Vue.js to create a dynamic and responsive user interface

- A submit button to create the deal and account records in Zoho CRM

The backend should be implemented using Laravel and should include the following:

- Integration with the Zoho CRM API for creating deals and accounts
- Implementation of the automatic token refresh mechanism
- Creation of the necessary routes and controllers to handle form submissions

Deliverables: The final deliverable will be a fully functional web form that allows users to create deals and accounts in Zoho CRM using Vue.js and Laravel as a backend. The form should be tested and validated to ensure that it is working correctly and meets all the requirements outlined in this terms of reference. The deadline for completion of the work is 3 days from the date of receipt of this assignment.

Candidates **must** first register for a Zoho CRM trial account at the link:

<https://www.zoho.com/crm/signup.html>. They can provide access to the form and to the system so that we can test it ourselves and **record a video (obligatory)**, showing the state of the system before submitting the form, filling and submitting the form, changes in the system after these actions. The repository link should be shared with this test assignment. Candidates should be willing to demonstrate their work in an interview.