

**LOW Level Design**

Internal and external Reviewers

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| --- | --- |
| Name | Department |
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# Overview

### Document Purpose:

This document provides an overview of the Registration Page component built using React and Material-UI. The page includes a form for user registration with fields for full name, email, password, and confirm password, and features validation and styling for a user-friendly interface.

# Modules

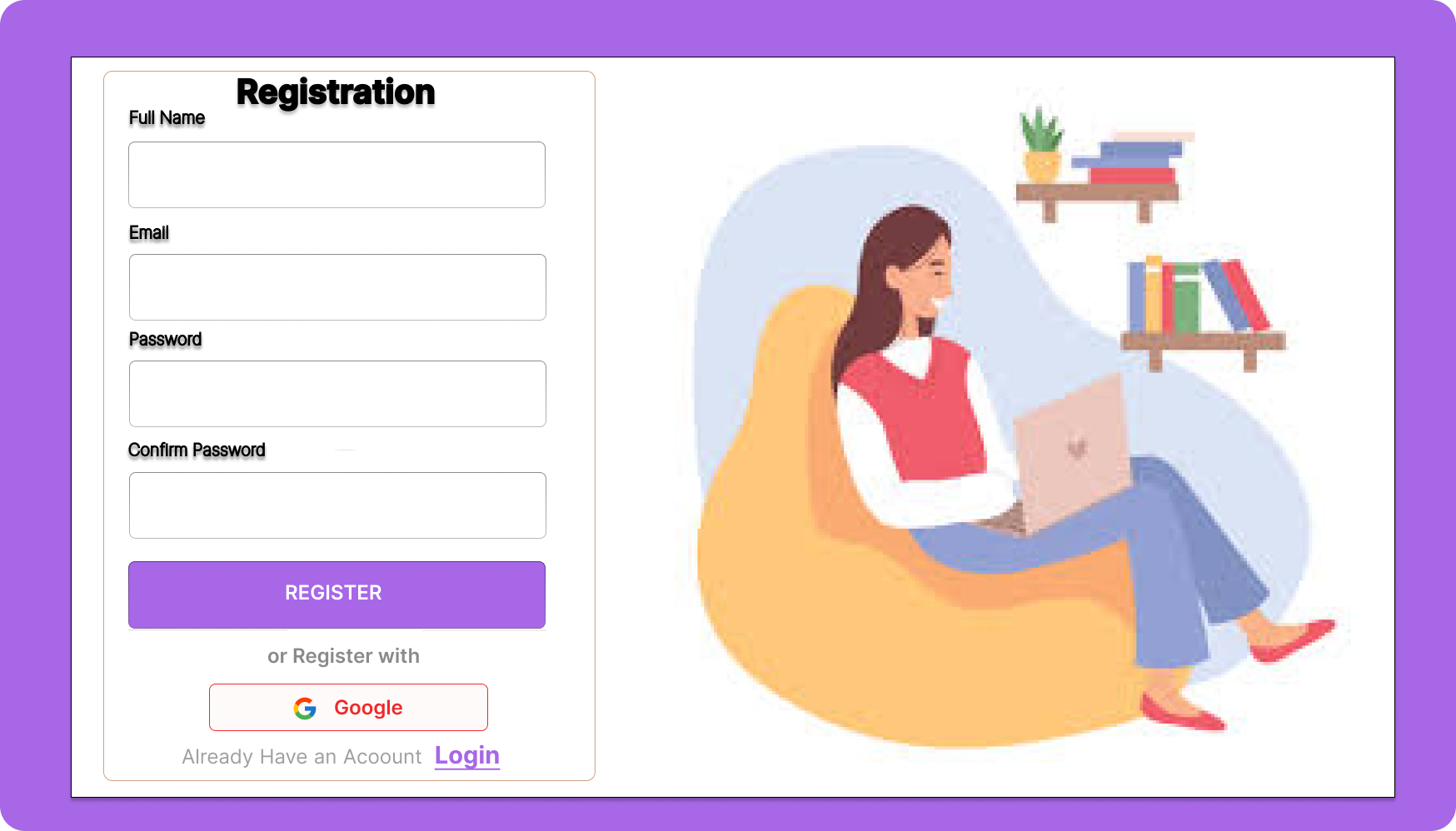
User

# Standard Object

## User

* + 1. **Registration:**

|  |  |  |  |
| --- | --- | --- | --- |
| End User | Requirement | Action | Activities |
|  |  |  |  |
| user | User can register on website by filling a registration form. | **Web** | Capture customer information when lead source is web(**Web-to-Lead**) |
| user | |  | | --- | | Enter Full Name |  |  | | --- | |  | | Provide an input field labeled "Full Name" | User clicks on the Full Name input field and types their name. |
| system | Validate Full Name | Check if the Full Name field is filled out | Display an error message if the Full Name field is empty when the user attempts to submit the form. |
| user | Enter Email Address | Provide an input field labeled "Email Address" | User clicks on the Email Address input field and types their email. |
| |  | | --- | | **System** |  |  | | --- | |  | | Validate Email Address | Check if the Email Address field contains a valid email format | Display an error message if the email is not in the correct format. |
|  |  |  |  |
| User | Enter Password | Provide an input field labeled "Password" | User clicks on the Password input field and types their password. |
| System | Validate Password | Check if the Password field meets security requirements (e.g., minimum length) | Display an error message if the password does not meet security requirements. |
| User | Enter Confirm Password | Provide an input field labeled "Confirm Password" | User clicks on the Confirm Password input field and retypes their password.. |
| System | Validate Confirm Password | Check if the Confirm Password matches the Password field | Display an error message if the passwords do not match. |
| User | Submit the registration form | Provide a "Register" button | User clicks the Register button after filling out the form. |
| System | Process the registration form | Validate all fields and submit data to the server | If all validations pass, send the data to the server for registration processing. Display success message or navigate to another page on success. |
| User | Use alternative registration method (Google) | Provide a "Register with Google" button | User clicks the "Register with Google" button to use Google OAuth for registration. |
| System | Handle Google registration | Redirect to Google OAuth and process authentication | On successful Google authentication, receive user data from Google and complete the registration process. |
| User | Navigate to login page if already registered | Provide a link "Already have an account? Login" | User clicks the link to navigate to the login page. |
| System | Redirect to login page. | Redirect user to login URL. | Load the login page. |
|  |  |  |  |

****

* 1. **User Table:**

|  |  |
| --- | --- |
| **Column Name** | **Data type** |
| Id | String |
| name | String |
| email | String |
| password | String |
| role | role |

b. **Flow diagram:**

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