**User Story**:

As an accountant, I want to register for a new company in the accounting software, providing necessary information, so that I can access and manage financial data for the organization.

**Acceptance Criteria**:

* GIVEN I am a new company

WHEN I access the registration page of the accounting software

THEN I should see fields for entering first name, last name, email address, and password.

* GIVEN I enter valid information into all required fields

WHEN I submit the registration form

THEN my account should be successfully created, and I should receive a confirmation.

* GIVEN I enter an email address that is already associated with an existing account

WHEN I submit the registration form

THEN I should receive an error message indicating that the email address is already in use.

* GIVEN I enter a password that does not meet the minimum security requirements (e.g., length)

WHEN I submit the registration form

THEN I should receive an error message indicating the password requirements and prompting me to choose a stronger password.

* GIVEN I submit the registration form with incomplete or invalid information

WHEN I attempt to register

THEN appropriate error messages should be displayed, prompting me to correct the errors before proceeding.

* GIVEN I successfully register for an account

WHEN I log in with my credentials

THEN I should be authenticated and directed to the dashboard for adding company details in the accounting software.

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| **Field** | **Type** | **Display Rule** | **Requirements** |
| First Name | Text | Always Display | Cannot be empty and must contain only alphabetic characters |
|  |  |  |  |
| Last Name | Text | Always Display | Cannot be empty and must contain only alphabetic characters |
| Email | Email | Always Display | Must be in a valid email format (e.g., example@example.com) |
| Password | Password | Not Displayed | Required field, minimum 8 characters, at least one uppercase letter, one numeric character, and one special character (e.g., @, $, !) |
| Confirm Password | Password | Not Displayed | Must match the entered password |

**User Story**:

As an accountant, I want to be able to log in to the accounting software securely, using my credentials, so that I can access and manage financial data for the organization.

**Acceptance Criteria**:

* GIVEN I am an accountant

WHEN I navigate to the login page of the accounting software

THEN I should see fields for entering my email and password.

* GIVEN I enter a valid username and password

WHEN I submit the login form

THEN I should be successfully authenticated and directed to the dashboard of the accounting software.

* GIVEN I enter an invalid username or password

WHEN I submit the login form

THEN I should receive an error message indicating that the credentials provided are incorrect.

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| --- | --- | --- | --- |
| **Field** | **Type** | **Display Rule** | **Requirements** |
| Email | Email | Always Displayed | Must be in a valid email format (e.g., example@example.com) |
| Password | Password | Not Displayed | Required field, minimum 8 characters, at least one uppercase letter, one numeric character, and one special character (e.g., @, $, !) |

**User Story**:

As an accountant, I want to be able to add a new company in the accounting software, providing essential details such as the company name, owner's name, address, country, state, and pin code, so that I can accurately set up and manage financial records for the new entity.

**Acceptance Criteria**:

* GIVEN I am an accountant logged into the accounting software

WHEN I navigate to the "Add Company" section

THEN I should see fields for entering the company name, owner's name, address, country, state, and pin code.

* GIVEN I enter a valid company name, owner's name, address, country, state, and pin code, WHEN I submit the form

THEN the new company should be successfully added to the accounting software's database.

* GIVEN I enter an invalid company name, owner's name, address, country, state, or pin code, WHEN I submit the form

THEN appropriate error messages should be displayed, prompting me to correct the errors before proceeding.

* GIVEN I enter a company name or owner's name containing only special characters or symbols, WHEN I submit the form

THEN the system should prompt me to enter a valid alphanumeric name for the company or owner.

* GIVEN I enter a pin code containing non-numeric characters

WHEN I submit the form

THEN the system should prompt me to enter a valid pin code consisting of digits only.

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| --- | --- | --- | --- |
| **Field** | **Type** | **Display Rule** | **Requirements** |
| Company Name | Text | Always Display | Must be in a valid email format (e.g., example@example.com) |
| Company Owner | Text | Always Display | Must be non-empty |
| Address | Text | Always Display | Must be non-empty |
| Country | Dropdown | Always Display | Must be selected from a predefined list of countries |
| State | Dropdown | Dependent Display | Must be selected based on the selected country |
| Pin code | Text | Always Display | Cannot be empty and must be a valid format according to the country's postal code system |