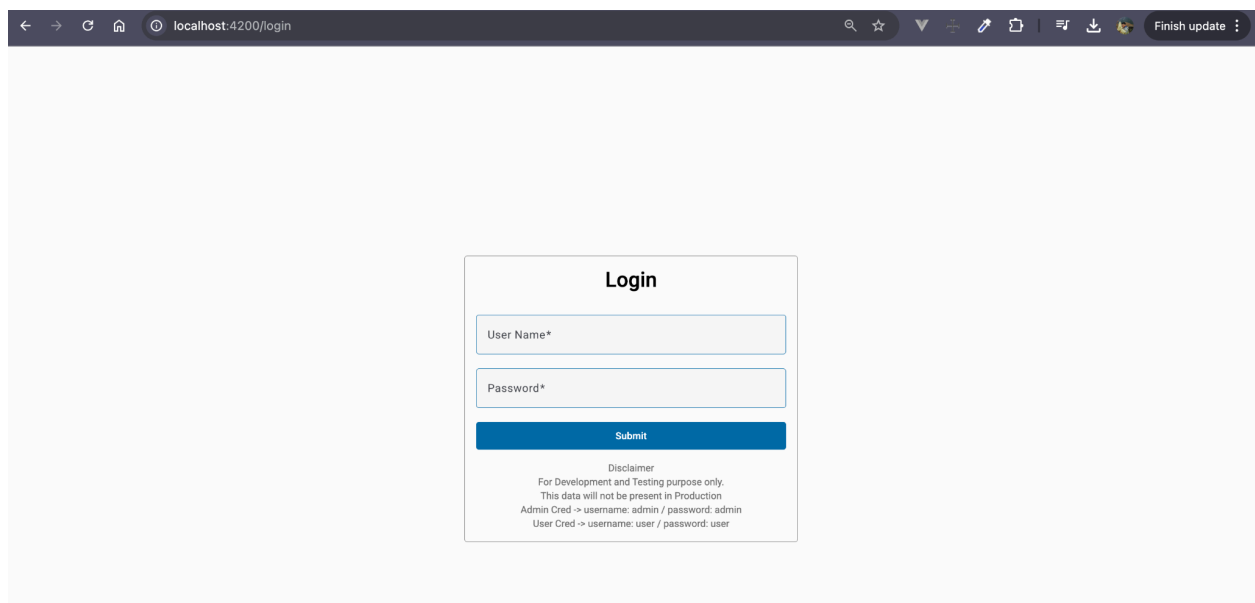# Drag and Drop Form Builder

Objective

1. Create a drag-and-drop interface for building forms with different field types (Input, Textarea, Dropdown, Radio, Checkbox, Datepicker)
2. Handling validations and dynamic fields configuration
3. View submitted form data
4. Handling User specific condition
   a. Admin - can create/edit/delete form and form fields
   b. User - can submit/view forms

Screenshots

- For Development and test purpose credentials are hardcoded

Screenshot of Login Page

- Admin View
  - Add New Forms
  - Viewing the Submissions
  - Delete the form and form fields
  - Editing the form field metadata
- User View
  - Fill and Submit the new form
  - Preview the from

Available items

Tᴛ	Input
🗐	Textarea
≡ẋ	Dropdown
◉	Radio
☑	Checkbox
🗓	Datepicker

Build your form

Form Name
Registration Form

Firstname*
v
Firstname should contain atleast 3 characters   ✏ 🗑

Lastname   ✏ 🗑

Address*

This field is required   ✏ 🗑

☑ Is above address a permanent address   ✏ 🗑

Highest Degree   ▾   ✏ 🗑

Back   **Save**

Screenshot of Building a new form

← → C ⌂ ⓘ localhost:4200/build-form   👁 ☆   V / 🗖   ⌨ ⬇ 🗎   Finish update ⋮

Available items

Tᴛ	Input
🗐	Textarea
≡ẋ	Dropdown
◉	Radio
☑	Checkbox
🗓	Datepicker

Build your form

Form Name
Registrati

Edit Form fields

Placeholder shown on start typing

Label*
Firstname

Label text for input field

Default Value

Default value of input field

Hint

Hint to be shown in form

☐ Show Clear Icon

☑ Is Field Required

Input Validations

☑ MinLength   Validation Value
               3

☐ MaxLength   Validation Value

Error Message
Firstname should c

Error Message
Max length error

Close   **Save**

Back   **Save**

Screenshot of dialog for editing input field metadata

Registration Form

Firstname*

Lastname

Address*

☑ Is above address a permanent address

Highest Degree

Back

Screenshot of form preview

All Forms

Logout

Registration Form

Total Form Fields: 5

Fill Form   Preview

Screenshot of view forms for User

All Forms

Submissions   Add Form   Logout

Registration Form

Total Form Fields: 5

Preview   Edit   Delete

Screenshot of view form for Admin

Screenshot of dynamic form built using form builder

Screenshot of all submission made by users

Links

Application https://drag-drop-forms.web.app

Repository https://github.com/vishwasprabhu98/drag-drop-form

Technologies Used

1. Angular 19.2
2. Angular Material (UI library)
3. Tailwind CSS
4. Firebase (for deployment)