

Documentation - Practice

Simple Web App with GIN Framework

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A practice web app containing:

1. Demo for different methods of submitting user input.
2. Demo for CRUD operation.

Accessible from **Practice** menu in navigation bar.

Sample Forms

Sample Form A

Accessible from **Sample Forms > Form A** menu in sidebar.

The screenshot shows a web browser at localhost:8080/practice/form/post. The application has a dark navigation bar with 'Gin Web Apps', 'Assignment', and 'Practice' menus. A sidebar on the left contains links for 'About', 'Sample Forms' (selected), 'To Do CRUD', and 'Contact'. The main content area is titled 'Welcome to Form A' and includes a message: 'This form will submit value through POST request body :)'. Below this are two input fields: 'Input 1-A' with the placeholder 'Type value for 1-A here' and 'Input 2-A' with the placeholder 'Type value for 2-A here'. A blue 'Send On Body' button is positioned below the inputs. The footer of the application states '© 2023 Gin Web Apps Practice'.

Clicking the send button will submit user input through **request body** and load a result page.

The screenshot shows a web browser at the URL `localhost:8080/practice/form/post/result`. The page has a dark header with 'Gin Web Apps', 'Assignment', and 'Practice'. A sidebar on the left contains links: 'About', 'Sample Forms' (with a dropdown arrow), 'To Do CRUD', and 'Contact'. The main content area is titled 'Welcome to Result Page' and includes the text 'This page is showing result for Form A :)'. Below this, there are two sections: 'Result 1' with a 'Request' input field, and 'Result 2' with a 'Body' input field. A blue button labeled 'Back To Form A' is positioned below the input fields. The footer is dark and contains the text '© 2023 Gin Web Apps Practice'.

Return to **Form A** using the back button in result page.

Sample Form B

Accessible from **Sample Forms > Form B** menu in sidebar.

The screenshot shows a web browser at the URL `localhost:8080/practice/form/query`. The page has a dark header with 'Gin Web Apps', 'Assignment', and 'Practice'. A sidebar on the left contains links: 'About', 'Sample Forms' (with a dropdown arrow), 'To Do CRUD', and 'Contact'. The main content area is titled 'Welcome to Form B' and includes the text 'This form will submit value through query parameters :)'. Below this, there are two sections: 'Input 1-B' with a text input field containing the placeholder 'Type value for 1-B here', and 'Input 2-B' with a text input field containing the placeholder 'Type value for 2-B here'. A blue button labeled 'Send On Query Param' is positioned below the input fields. The footer is dark and contains the text '© 2023 Gin Web Apps Practice'.

Clicking the send button will submit user input through **query parameters** and load a result page.

The screenshot shows a web browser at the URL `localhost:8080/practice/form/query/result?input1B=Query&input2B=Param`. The page has a dark header with 'Gin Web Apps', 'Assignment', and 'Practice'. A sidebar on the left contains links: 'About', 'Sample Forms' (with a dropdown arrow), 'To Do CRUD', and 'Contact'. The main content area is titled 'Welcome to Result Page' and includes the text 'This page is showing result for Form B :)'. Below this, there are two sections: 'Result 1' with a text box containing 'Query', and 'Result 2' with a text box containing 'Param'. A blue button labeled 'Back To Form B' is positioned below the results. The footer is dark and contains the text '© 2023 Gin Web Apps Practice'.

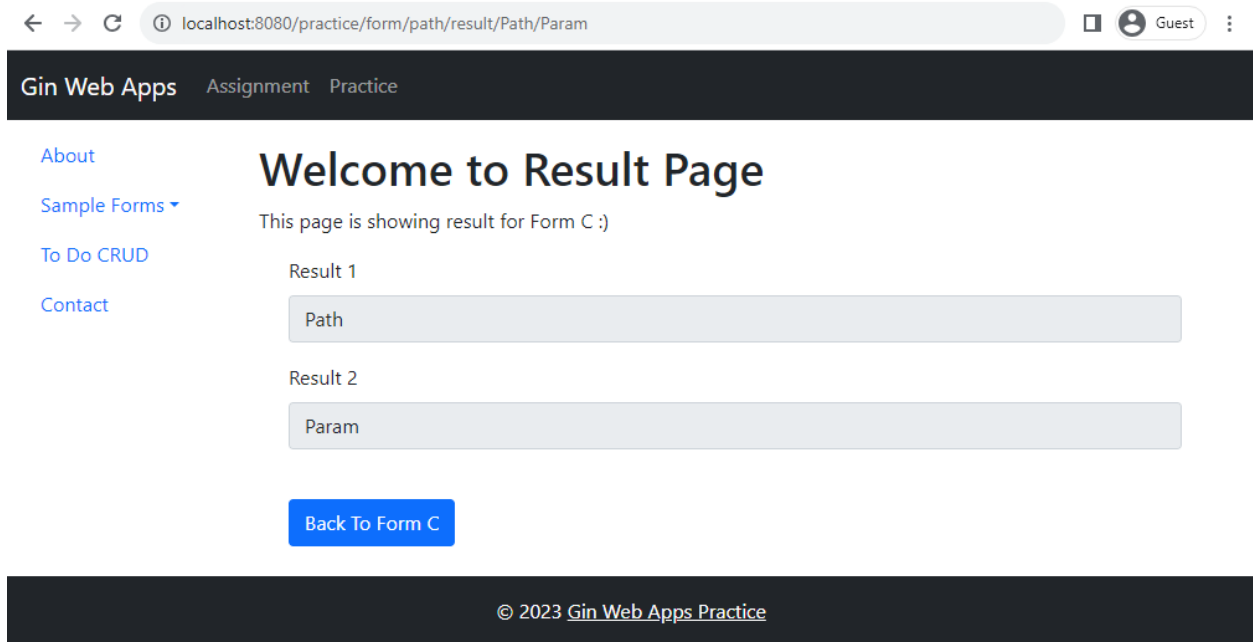
Return to **Form B** using the back button in result page.

Sample Form C

Accessible from **Sample Forms > Form C** menu in sidebar.

The screenshot shows a web browser at the URL `localhost:8080/practice/form/path`. The page has a dark header with 'Gin Web Apps', 'Assignment', and 'Practice'. A sidebar on the left contains links: 'About', 'Sample Forms' (with a dropdown arrow), 'To Do CRUD', and 'Contact'. The main content area is titled 'Welcome to Form C' and includes the text 'This form will submit value through path parameters :)'. Below this, there are two sections: 'Input 1-C' with a text box containing 'Type value for 1-C here', and 'Input 2-C' with a text box containing 'Type value for 2-C here'. A blue button labeled 'Send On Path Param' is positioned below the inputs. The footer is dark and contains the text '© 2023 Gin Web Apps Practice'.

Clicking the send button will submit user input through **path parameters** and load a result page.

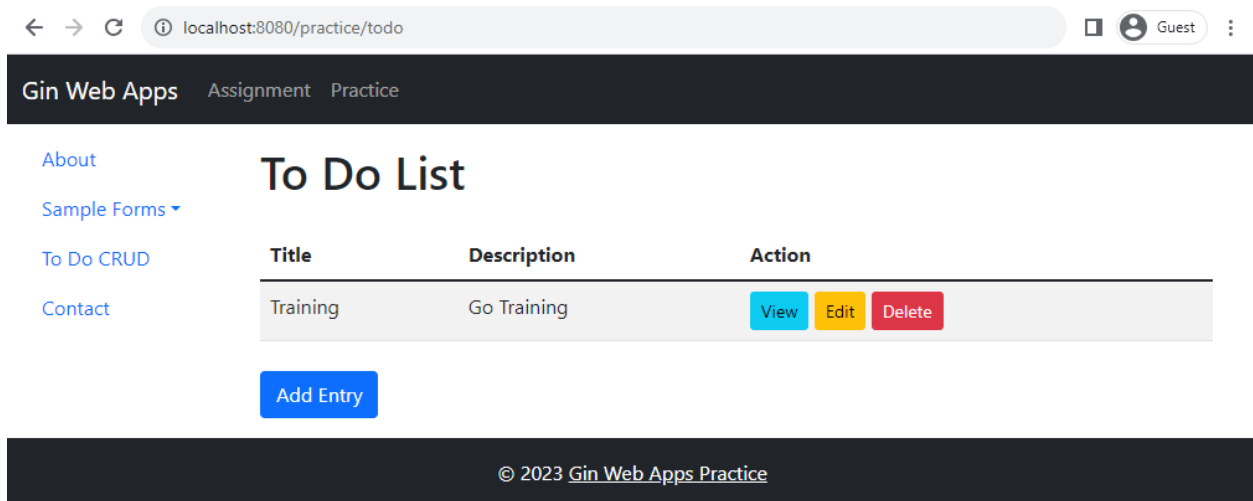


Return to **Form C** using the back button in result page.

CRUD Operation

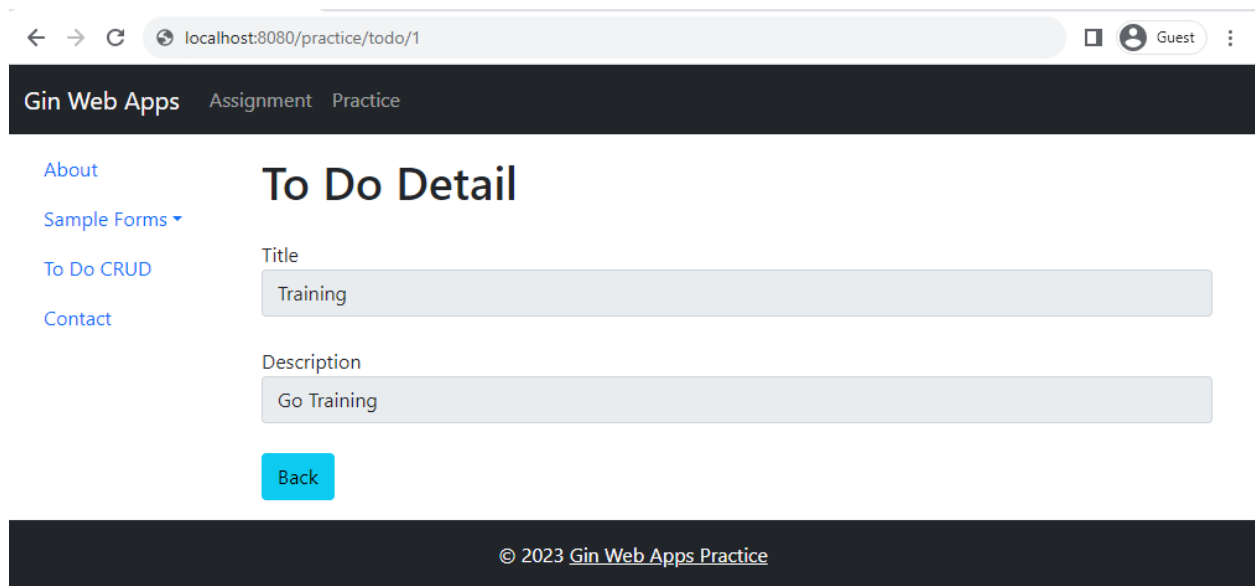
Note: Database used for this demo is **sqlite**.

Accessible from **To Do CRUD** menu in sidebar. Page will display a list of saved records from database and action buttons for each record.



Clicking **Delete** action button will submit delete request; if delete record in database successful, page will reload to display the updated list.

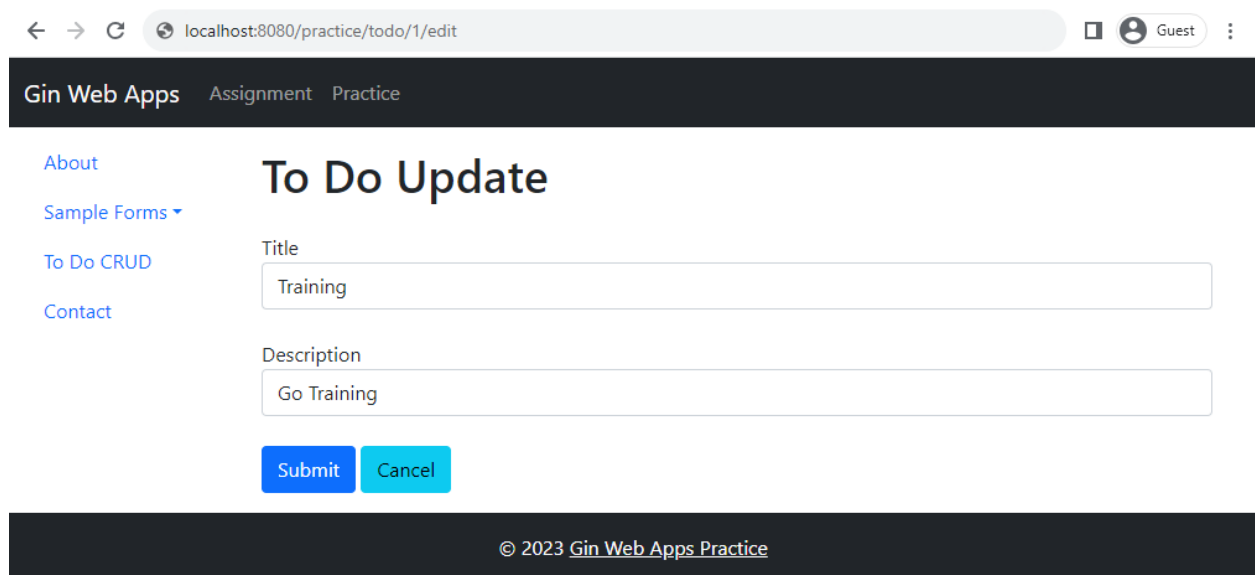
To display detail of a record, click action button **View**.



The screenshot shows a web browser at the URL `localhost:8080/practice/todo/1`. The page has a dark header with 'Gin Web Apps', 'Assignment', and 'Practice' links. A sidebar on the left contains links: 'About', 'Sample Forms' (with a dropdown arrow), 'To Do CRUD', and 'Contact'. The main content area is titled 'To Do Detail' and contains two text input fields: 'Title' with the value 'Training' and 'Description' with the value 'Go Training'. Below these fields is a blue 'Back' button. The footer is dark and contains the text '© 2023 Gin Web Apps Practice'.

Back button will return user to the list page.

To update a record, click **Edit** action button. An edit form will be displayed.



The screenshot shows a web browser at the URL `localhost:8080/practice/todo/1/edit`. The page has the same dark header and sidebar as the previous screenshot. The main content area is titled 'To Do Update' and contains two text input fields: 'Title' with the value 'Training' and 'Description' with the value 'Go Training'. Below these fields are two buttons: a blue 'Submit' button and a light blue 'Cancel' button. The footer is dark and contains the text '© 2023 Gin Web Apps Practice'.

Cancel button will return user to the list page without applying any value change. Clicking **Submit** will send update request. User will be returned to the list page with the modified value displayed if update to database successful.

To add new record, click **Add Entry** button in the list page.

← → ↺

localhost:8080/practice/todo/create

Guest

Gin Web Apps

Assignment

Practice

About

Sample Forms ▾

To Do CRUD

Contact

To Do Create

Title

Training

Description

Go Training

Submit

Cancel

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Cancel button will return user to the list page without adding new record. Clicking **Submit** will send insert request. User will be returned to the list page with the new record displayed if insert to database successful.

App will display a page containing process name and error detail if any of the process failed.

← → ↺

localhost:8080/practice/todo/invalid-id

Guest

Gin Web Apps

About

Sample Forms ▾

To Do CRUD

Contact

Something went wrong :(

Process: PARSE_TODO_ID

Message: strconv.Atoi: parsing "invalid-id": invalid syntax

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