

Adding User Interaction to Your Application



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Overview



Add and remove cards

Template: HTML forms

View

- Accept POST requests
- Process user input
- Redirect after form submit

Forms and Security

Demo



Adding cards

Jinja form template

View for processing form data



Demo



Deleting cards

Jinja form template

View for processing form data



Demo



A word about forms and security



HTML Forms

```
<form method="post">
```

Question: `<input type="text" name="question">`

Answer: `<input type="text" name="answer">`

`<button type="submit">Create</button>`

```
</form>
```



Handling POST Requests

```
@app.route("/add_card", methods=["GET", "POST"])  
def add_card():  
    if request.method == "POST":  
        # Handle user input  
    else:  
        return render_template("add_card.html")
```



```
card = { "question": request.form["question"],  
         "answer": request.form["answer"] }  
  
... # Save the data to file  
  
return redirect(url_for(...))
```

Processing Form Input Data

Don't forget to import `request`

`request` contains request info: headers, cookies, form data, etc.

`request` is a global object, but bound to the *current* request



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