Courses   Unit   Assignment   Stats   Take Exams
                                Checklist

<

Core | Deadline: Sunday of Week 4 | Difficulty Level: Intermediate | Est. Time: 2 - 3 hrs

Save Travels

A friend of yours is going to Hawaii and is worried about their budget for the trip. To save them some time and worry, you've decided to build an app that they can use to help save and plan for special occasions.
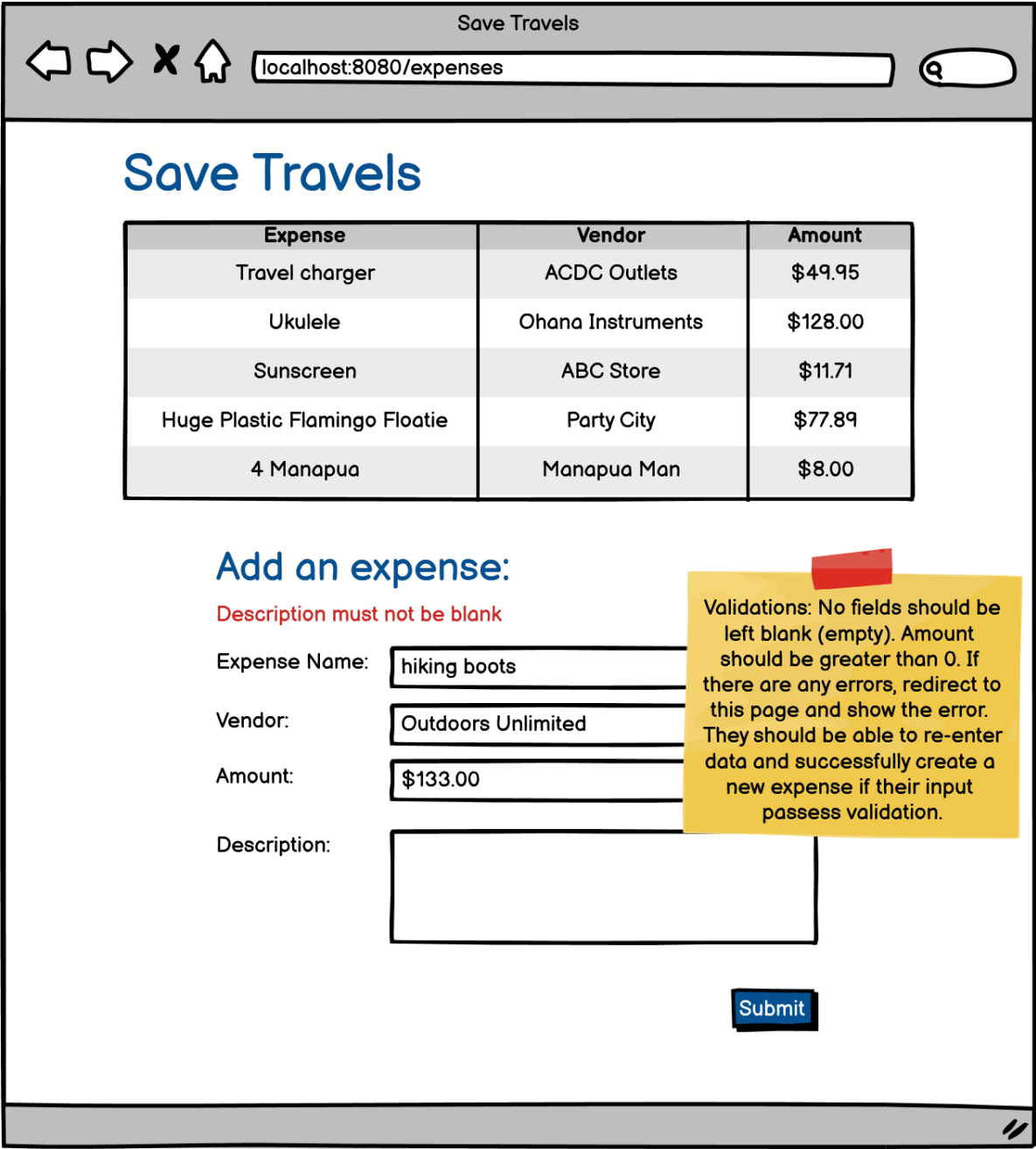
🔍 Learning Objective:

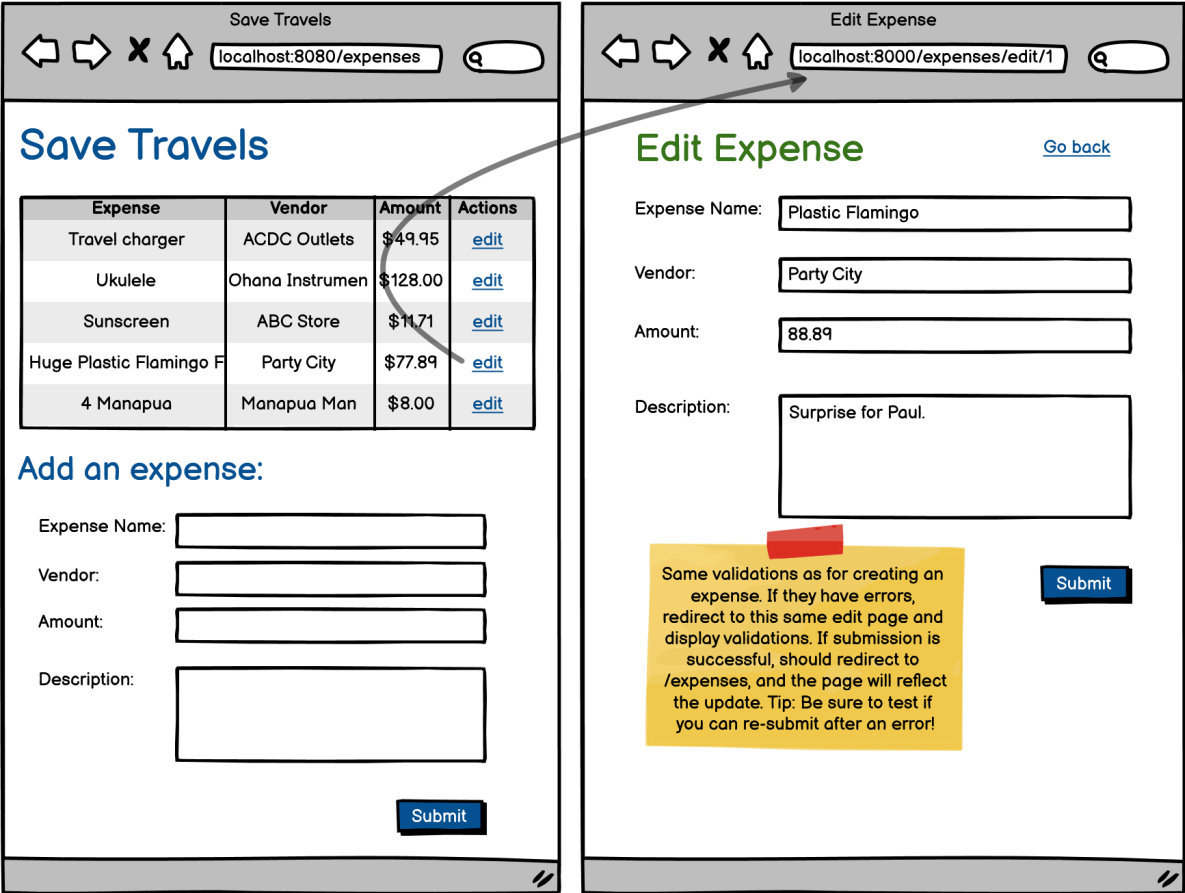- Complete a Full-Stack, Full-CRUD application

Part 1

This is a three-part assignment. For the first part, you will be creating an app to track a user's expenses, a digital pocketbook. You'll need to create a new project that will store the details for every expense and allow users to add new expenses from a form.

Save Travels

localhost:8080/expenses

Save Travels

Expense	Vendor	Amount
Travel charger	ACDC Outlets	$49.95
Ukulele	Ohana Instruments	$128.00
Sunscreen	ABC Store	$11.71
Huge Plastic Flamingo Floatie	Party City	$77.89
4 Manapua	Manapua Man	$8.00

Add an expense:

Description must not be blank

Expense Name: hiking boots

Vendor: Outdoors Unlimited

Amount: $133.00

Description:

Validations: No fields should be left blank (empty). Amount should be greater than 0. If there are any errors, redirect to this page and show the error. They should be able to re-enter data and successfully create a new expense if their input passess validation.

Submit

Part 2

The next step is to add the ability to update expenses.

Save Travels

localhost:8080/expenses

Save Travels

Expense	Vendor	Amount	Actions
Travel charger	ACDC Outlets	$49.95	edit
Ukulele	Ohana Instrumen	$128.00	edit
Sunscreen	ABC Store	$11.71	edit
Huge Plastic Flamingo F	Party City	$77.89	edit
4 Manapua	Manapua Man	$8.00	edit

Add an expense:

Expense Name:

Vendor:

Amount:

Description:

Submit

Edit Expense

localhost:8000/expenses/edit/1

Edit Expense   Go back

Expense Name: Plastic Flamingo

Vendor: Party City

Amount: 88.89

Description: Surprise for Paul.

Same validations as for creating an expense. If they have errors, redirect to this same edit page and display validations. If submission is successful, should redirect to /expenses, and the page will reflect the update. Tip: Be sure to test if you can re-submit after an error!
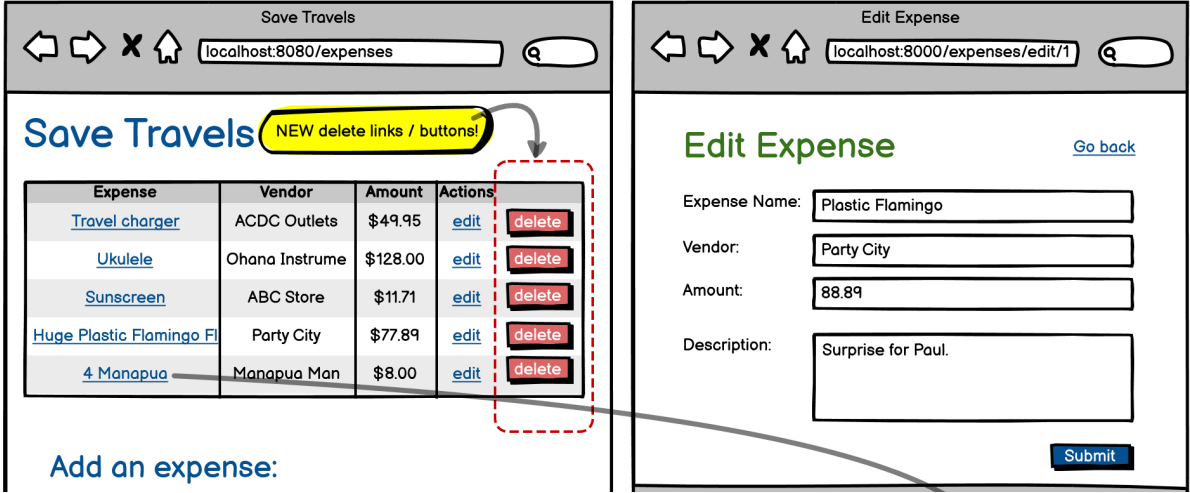
Submit

Part 3

Finally, the last step to make our little pocketbook app fully ready to track our expenses is to add delete functionality for our users. When you finish this assignment, not only will your hypothetical friend be super appreciative they get to climb up to the top of a volcano without

Java

‹   🍵 Java Spring   ›

Spring Intro   ▾

Spring MVC   ▲

worrying about their expenses, but you will have finished a monster project. As you wrap up this assignment, take some time to celebrate completing your first full-CRUD, full-stack assignment!

Note: While it is a good idea to practice using RESTful routing by adding delete mapping, the aim of this assignment is for you to understand how to implement a delete feature, so if you find yourself stuck and need to use a POST or GET mapping for your delete, that's fine

Submit

1708545464863-savetravelsredo.zip

Successfully submitted on February 21, 2024

Previous

Next

Privacy Policy