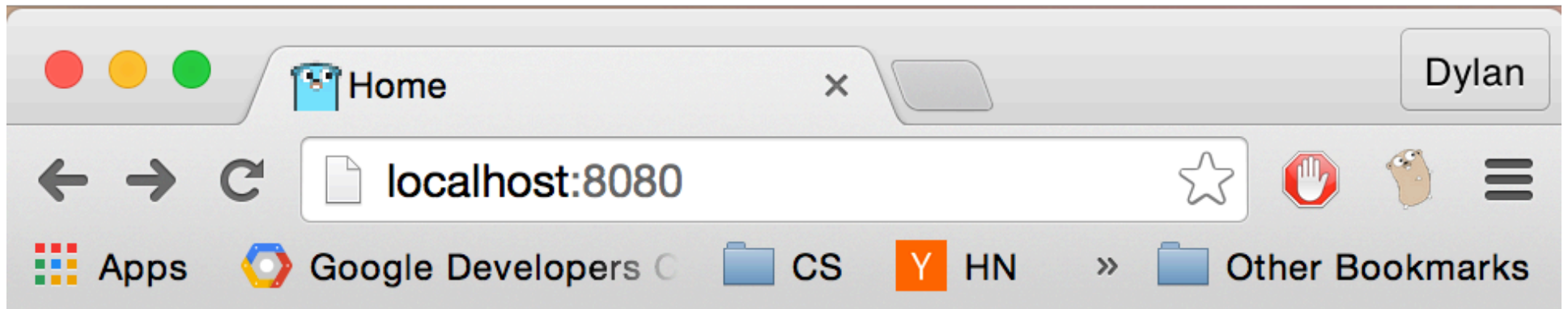
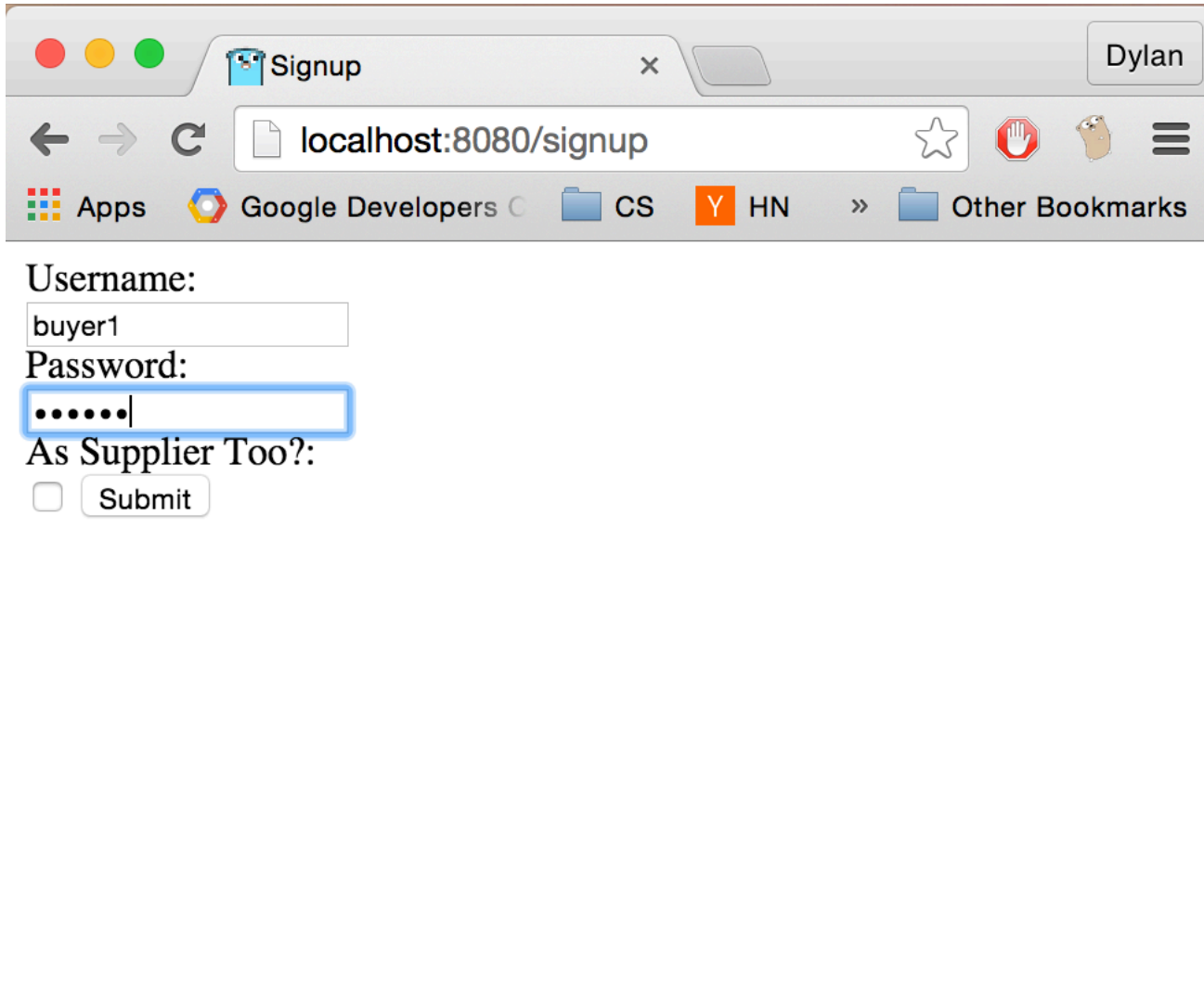


Sign In or Sign Up



[Sign In](#) [Sign Up](#)

Add a New Buyer



A screenshot of a web browser window titled "Signup" with a user profile "Dylan". The address bar shows "localhost:8080/signup". The browser's bookmark bar includes "Apps", "Google Developers", "CS", "HN", and "Other Bookmarks". The form contains the following fields and controls:

- Username:** A text input field containing the text "buyer1".
- Password:** A password input field containing six dots, highlighted with a blue border.
- As Supplier Too?:** A checkbox that is currently unchecked.
- Submit:** A button located to the right of the checkbox.

My Items

No items in the store

Add Item

Name: Price:

Reservations

No items in the store

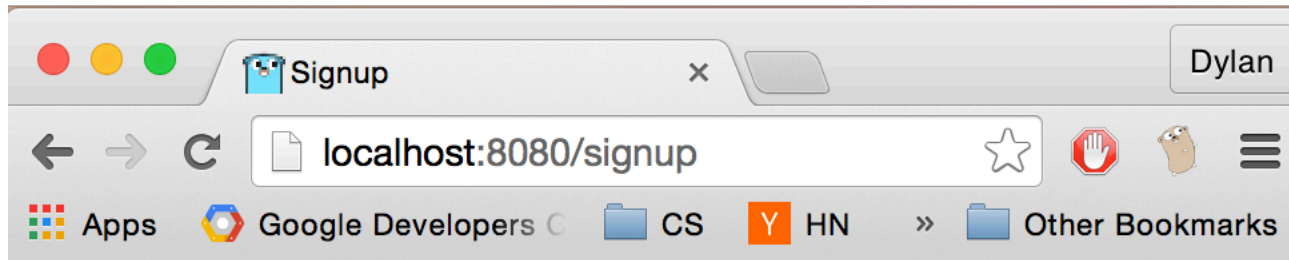
Bought

No items in the store

Inventory

No items in the store

No Items Exist
Yet



Username:

supplier1

Password:

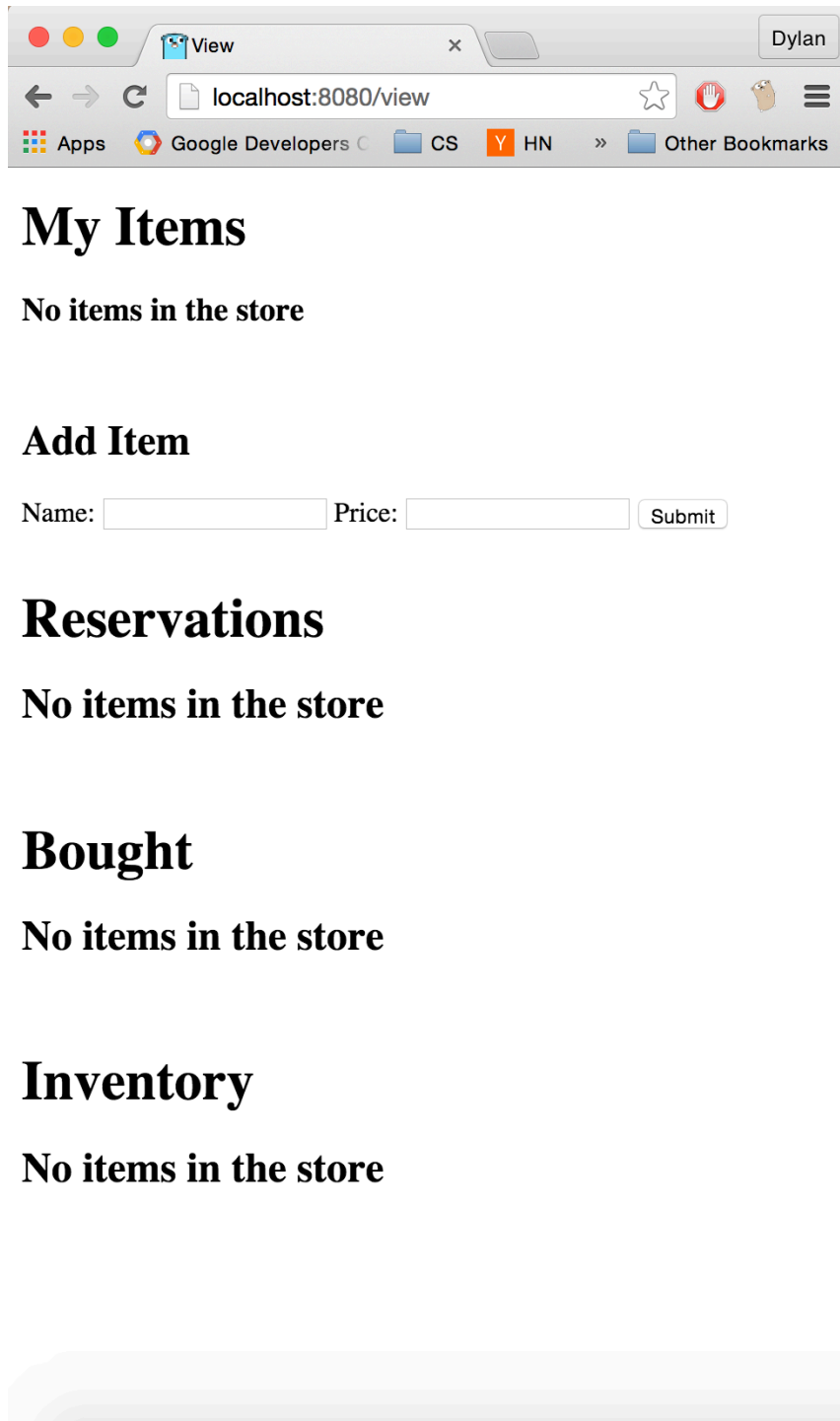
.....

As Supplier Too?:

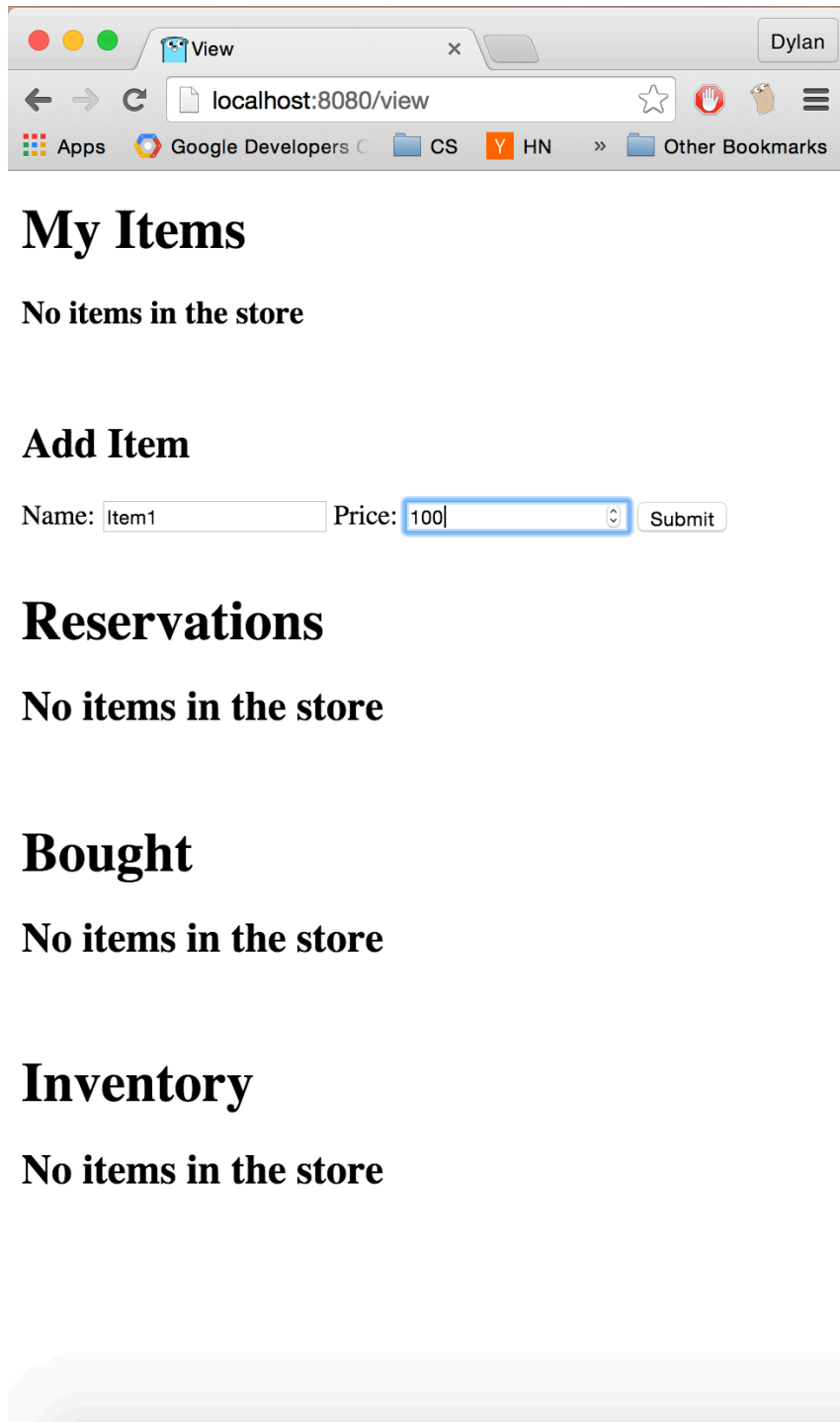


Submit

Add a New Supplier

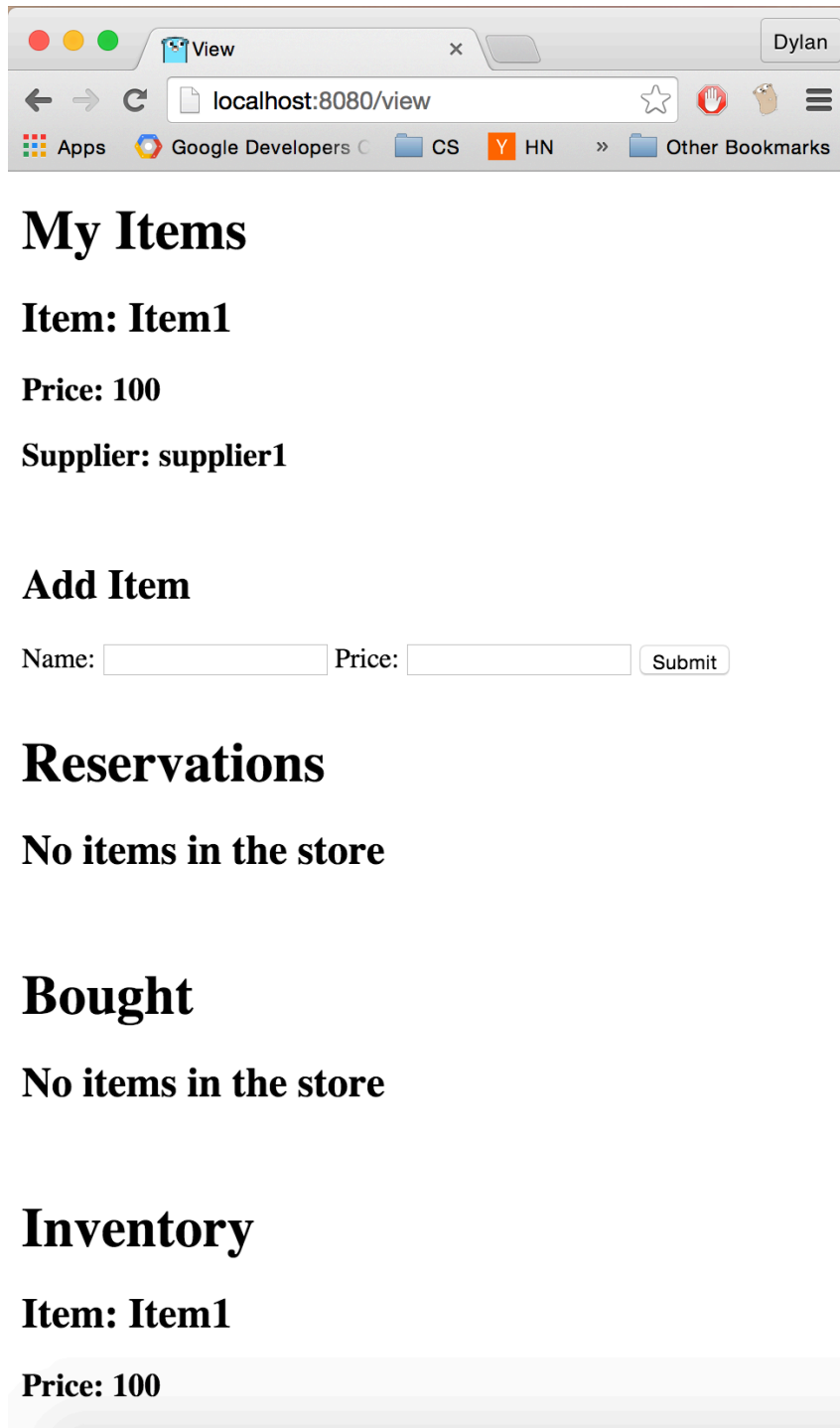


No Items Yet



Add an Item to the Store:

1. Added to Items Table,
2. Linked to Inventory,
3. Linked to supplier



Item is now in
MyItems and in
the Inventory.

Reservations

No items in the store

Bought

No items in the store

Inventory

Item: Item1

Price: 100

Supplier: supplier1

Reserve Item

reserve

Buyer's
Perspective

The Item is in the
Inventory and I
can reserve it.

Add Item

Name: Price:

Reservations

Item: Item1

Price: 100

Supplier: supplier1

Buy Item

Bought

No items in the store

Inventory

No items in the store

Reserving:

1. Deletes item reference from Inventory Table (nobody else has access to it)
2. Adds Item to reservation linked to me.
3. Now I can buy it.

My Items

No items in the store

Add Item

Name: Price:

Reservations

No items in the store

Bought

Item: Item1

Price: 100

Supplier: supplier1

Inventory

No items in the store

Buying:
1. Item moves
from reservations
to items bought
by me.

MySQL Tables after multiple interactions

```
mysql> show tables;
+-----+
| Tables_in_store |
+-----+
| customer        |
| inventory       |
| item            |
| reservation     |
| sold            |
+-----+
5 rows in set (0.00 sec)
```

```
mysql> select * from customer;
+-----+-----+-----+-----+
| uname   | money | pwd    | supplier |
+-----+-----+-----+-----+
| buyer1 | 10000 | buyer1 | 0         |
| dylan   | 10000 | dylan   | 0         |
| stan1   | 10000 | stan1   | 1         |
| supplier | 10000 | supplier | 1         |
| supplier1 | 10000 | supplier1 | 1         |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

```
mysql> select * from item;
+-----+-----+-----+-----+
| item_id | name   | price | supplier |
+-----+-----+-----+-----+
| 2       | Item 1 | 10    | supplier |
| 3       | Item 2 | 100   | supplier |
| 4       | Item 3 | 52    | supplier |
| 5       | cow    | 1999  | stan1    |
| 6       | Item1  | 100   | supplier1 |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

```
mysql> select * from sold;
+-----+-----+
| item_id | customer |
+-----+-----+
| 2       | supplier |
| 3       | dylan    |
| 4       | supplier |
| 5       | dylan    |
| 6       | buyer1   |
+-----+-----+
5 rows in set (0.00 sec)
```