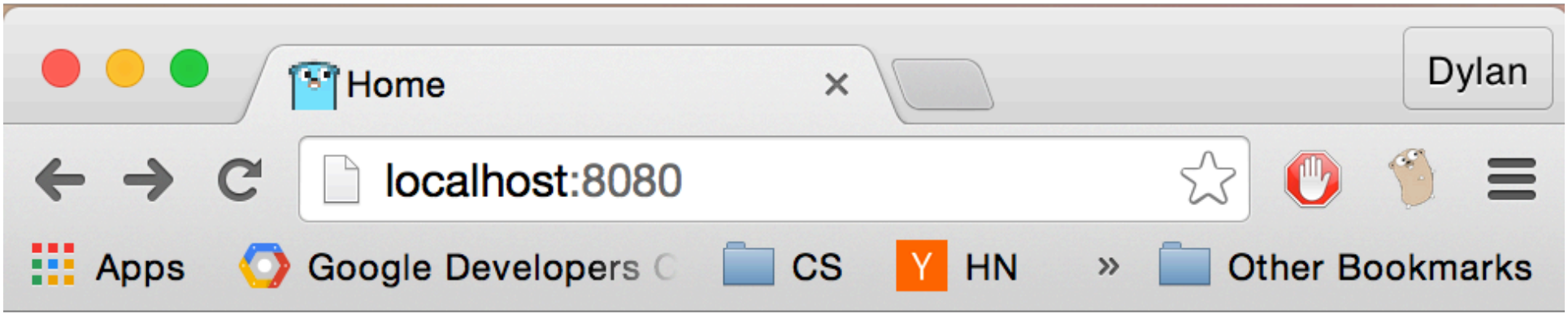
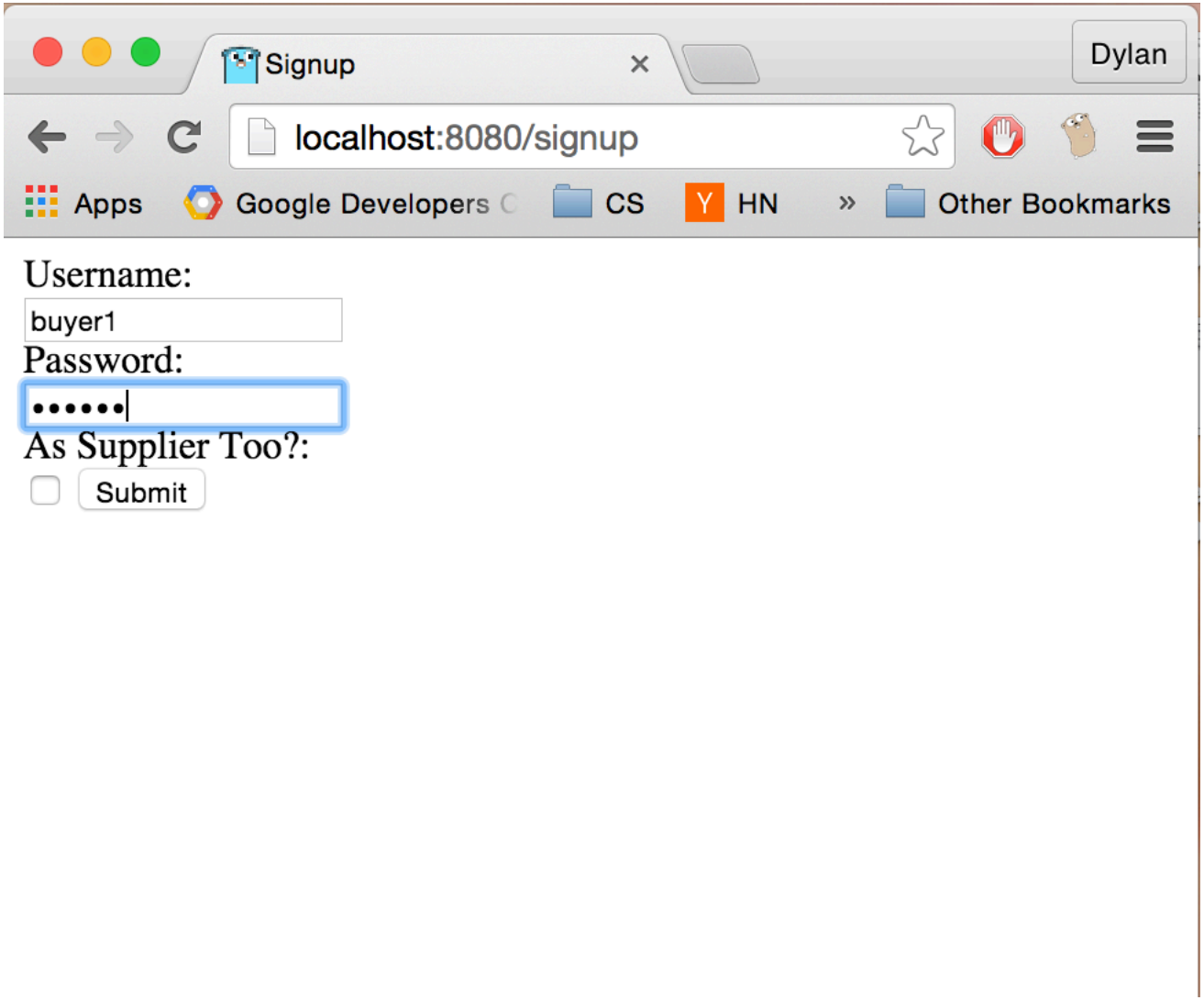
Sign In or Sign Up



Sign In Sign Up

Add a New Buyer



My Items

No items in the store

Add Item

Name: Price: Submit

Reservations

No items in the store

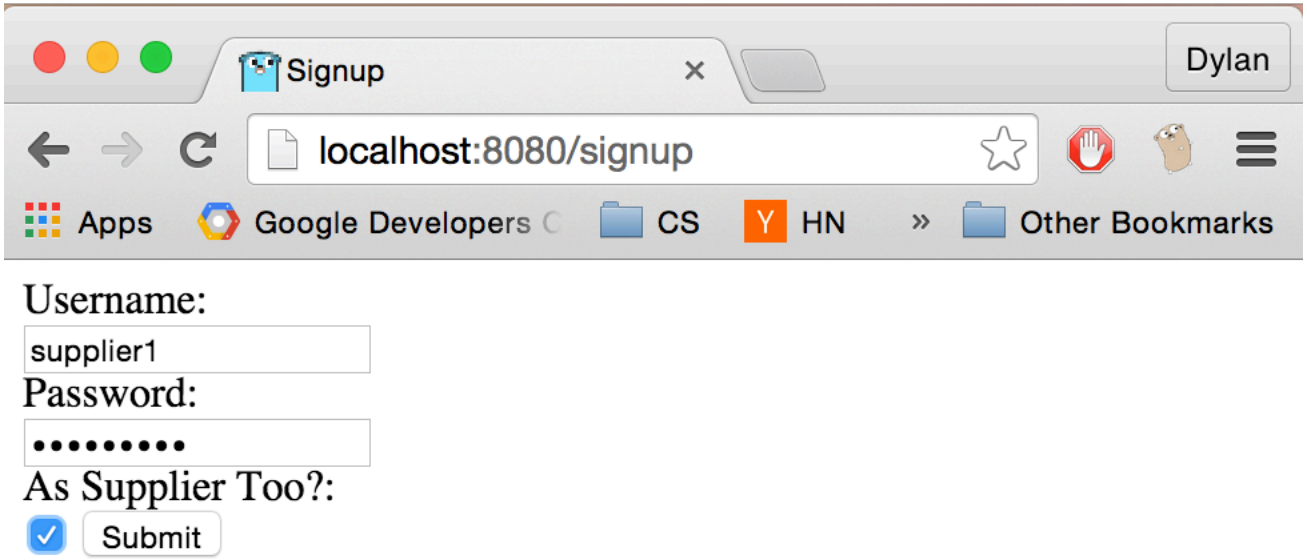
Bought

No items in the store

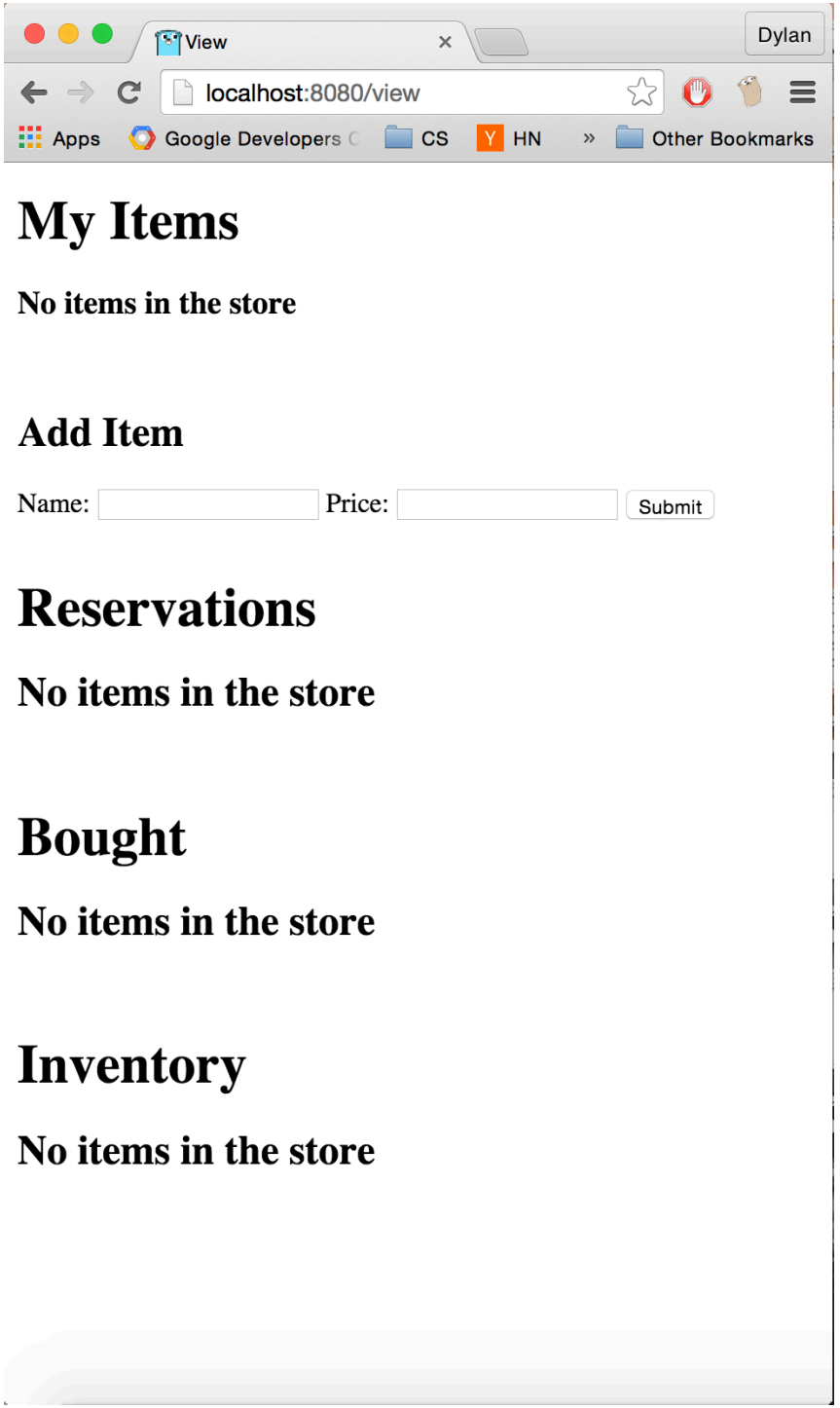
Inventory

No items in the store

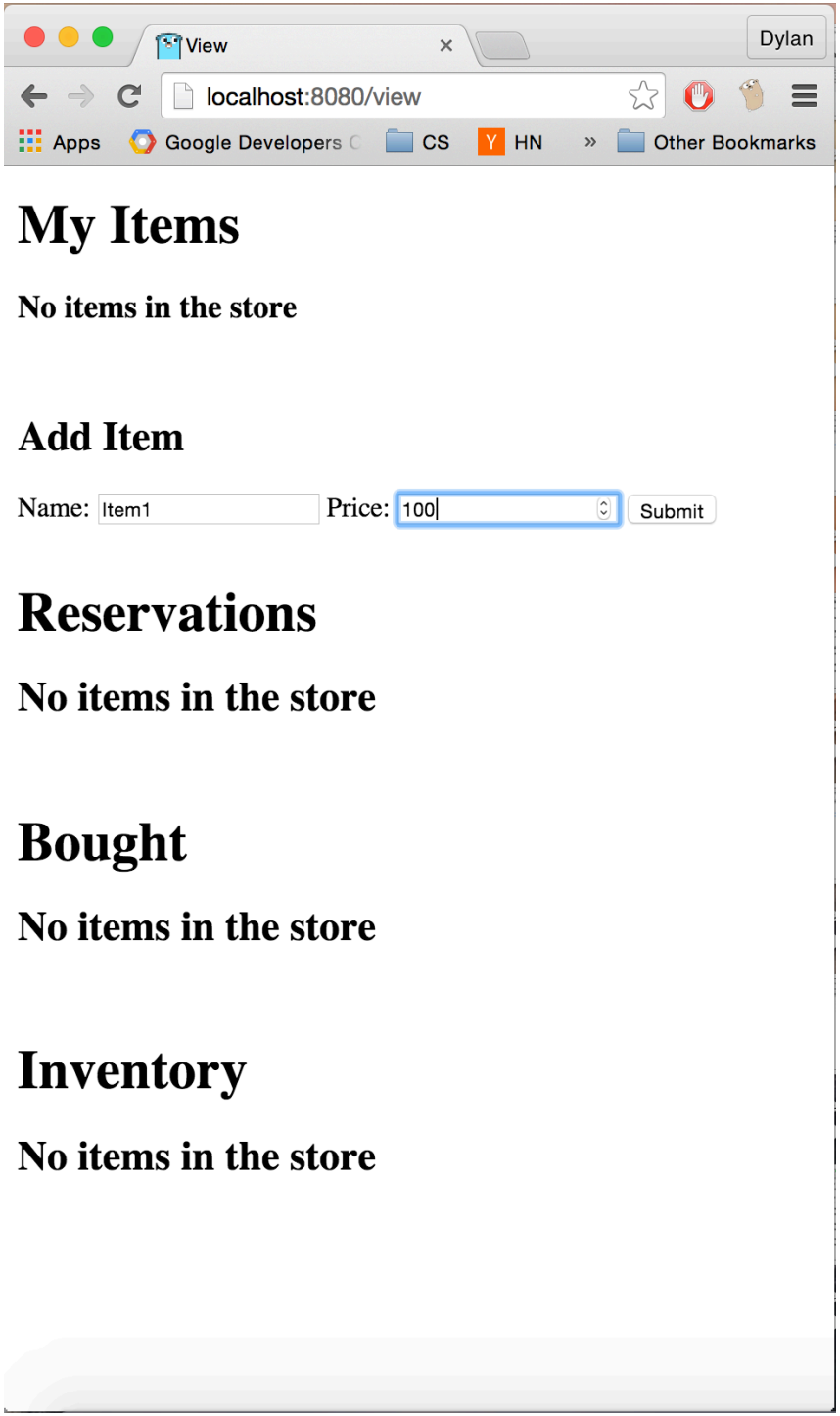
No Items Exist Yet



Add a New Supplier

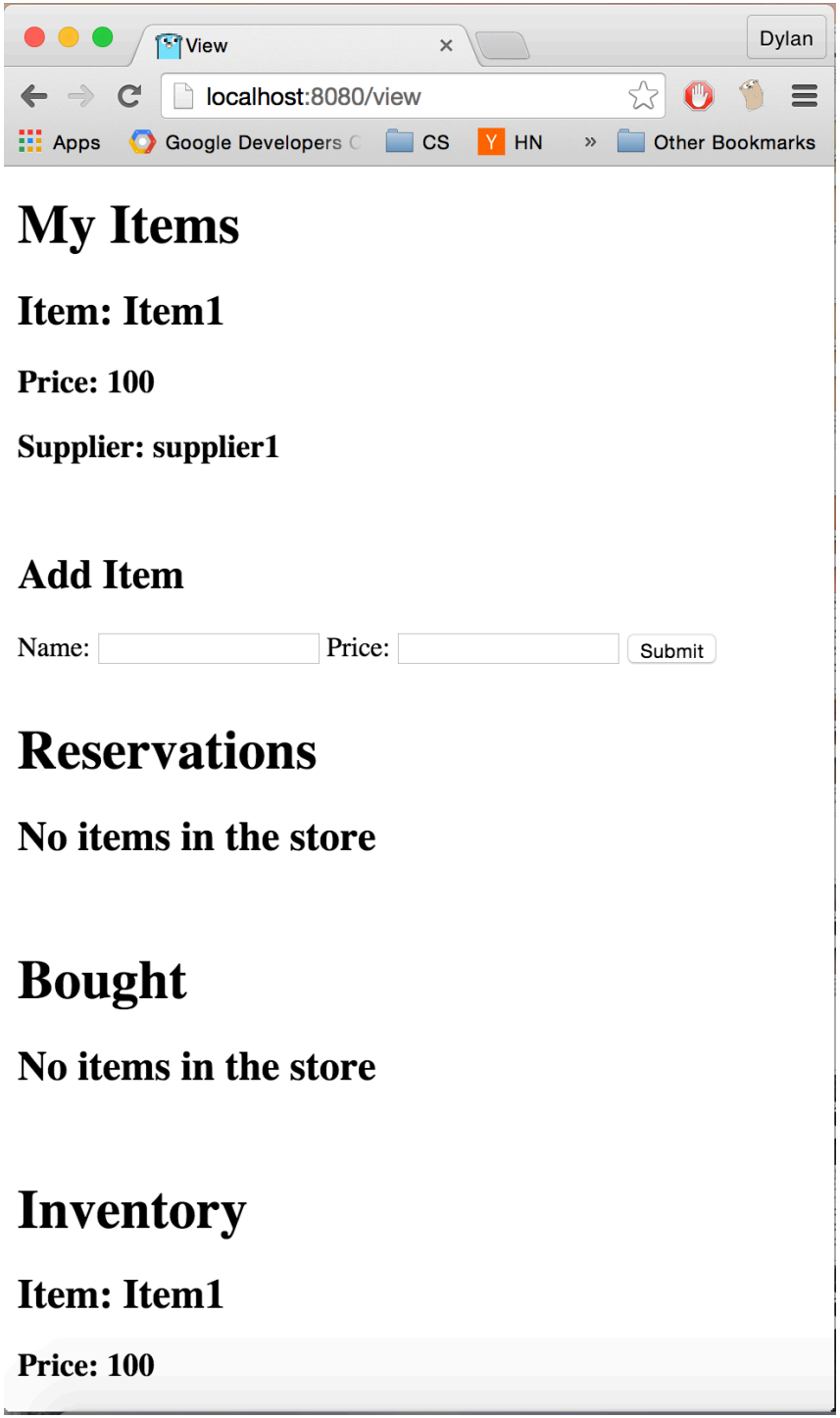

View
Dylan
localhost:8080/view
Apps
Google Developers
CS
HN
Other Bookmarks
My Items
No items in the store
Add Item
Name:
Price:
Submit
Reservations
No items in the store
Bought
No items in the store
Inventory
No items in the store

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

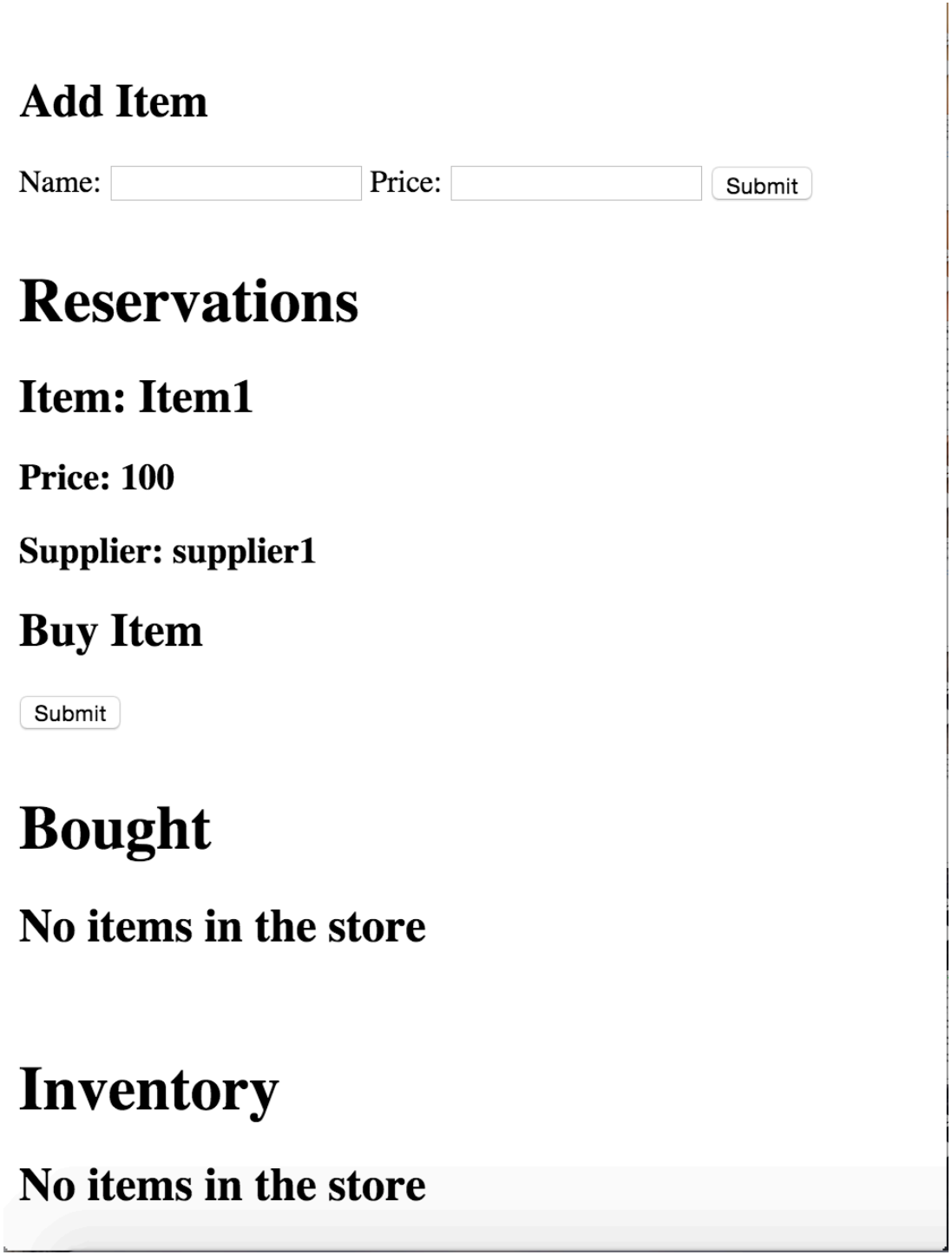
Price: 100

Supplier: supplier1

Reserve Item

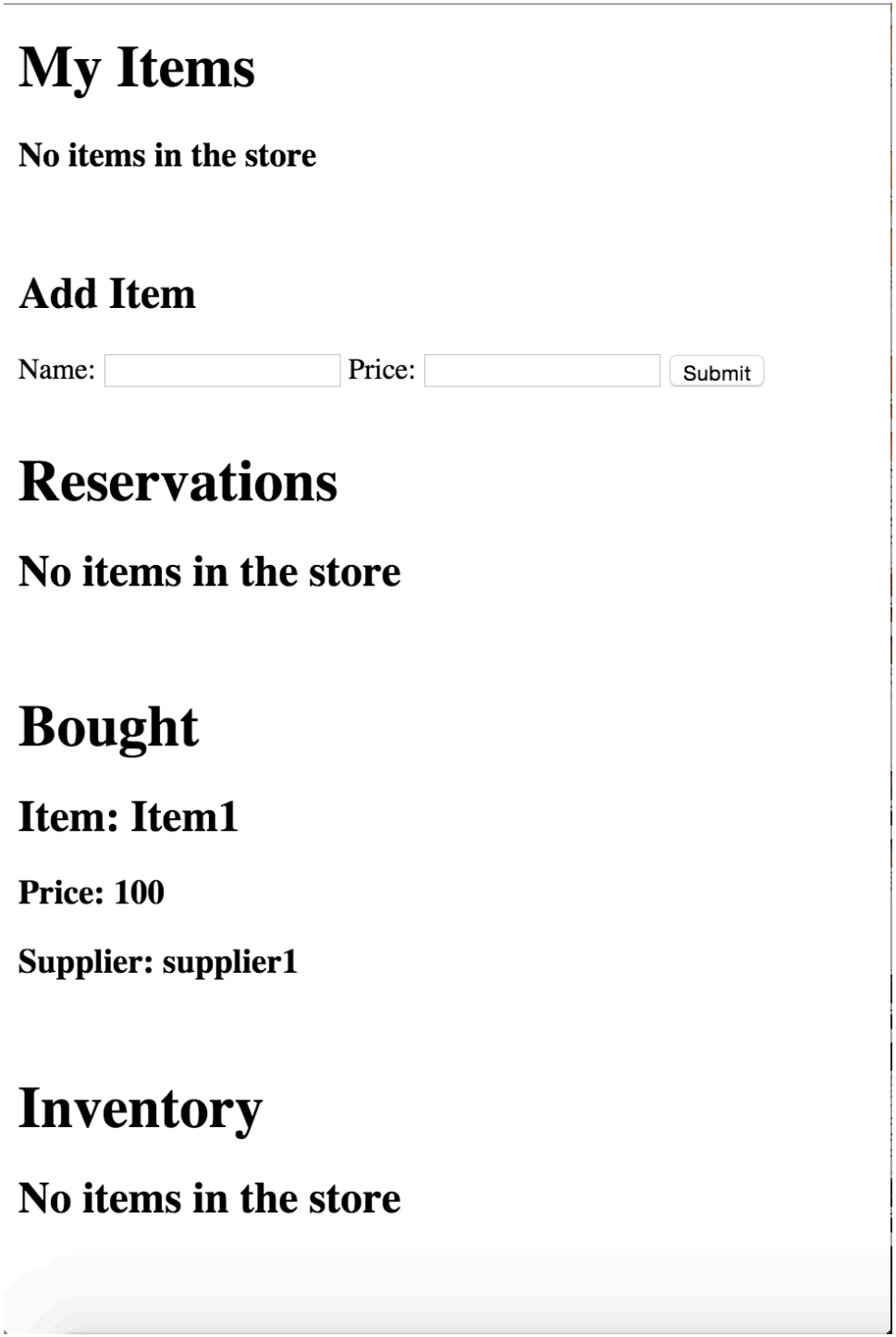
Buyer's Perspective

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



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.



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)
```