

COSC 4351

Project Demo

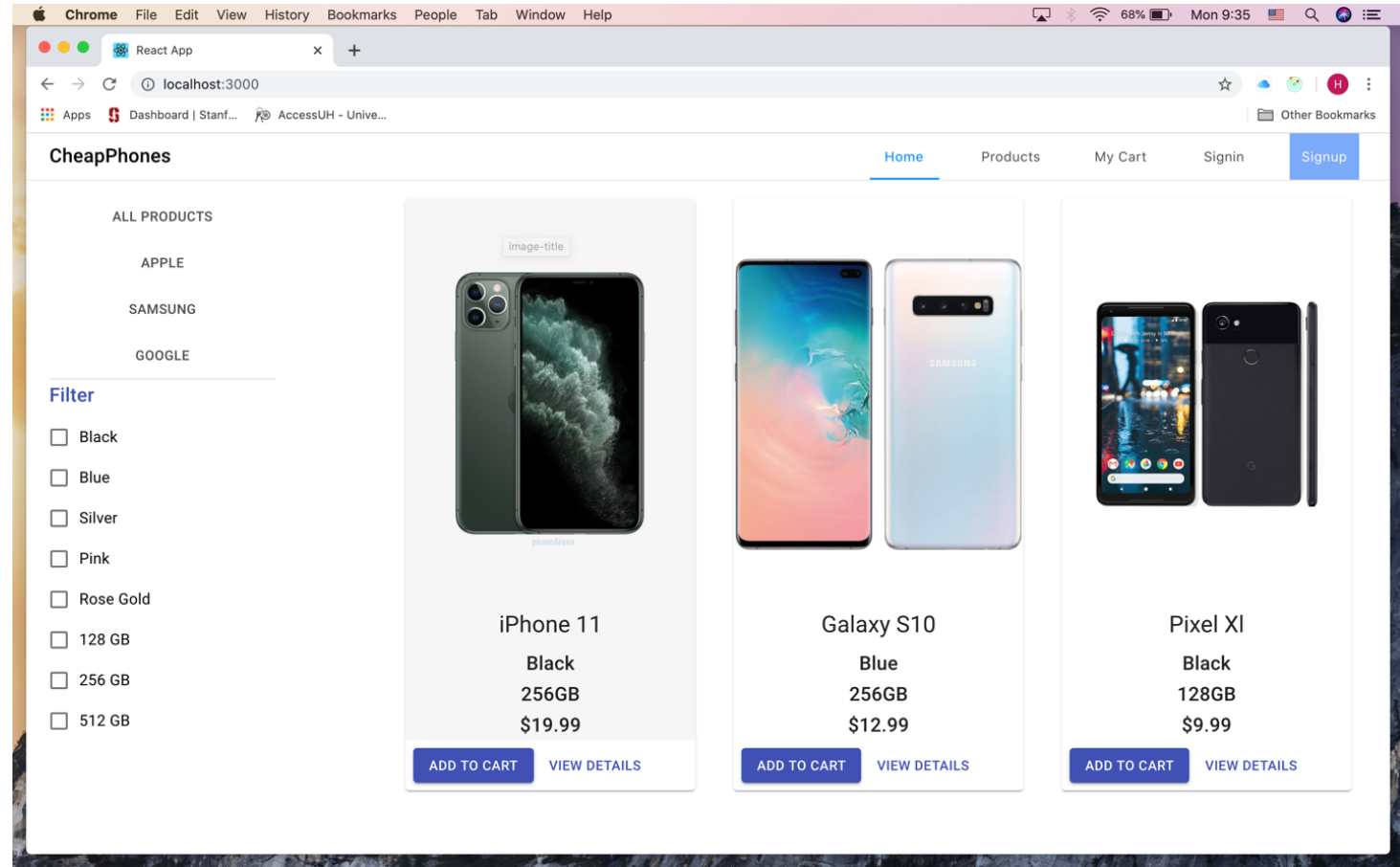
CHASE ARENAS

HAN PHAM

KEVIN TOAN TRAN

CheapPhones

We centered our
Ecommerce website around
selling newer model phones
for much, much cheaper!

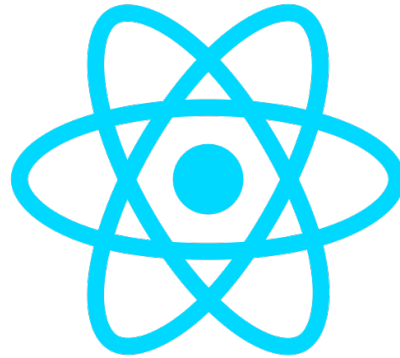


Agile Development Practice

- ❑ Weekly goals for the project
- ❑ Maintained constant communication with one another
- ❑ Able to adapt to the many obstacles that were presented with the project
- ❑ Followed agile iteration workflow

MERN Stack

□ Front End: React



□ Back End: Node JS



mongoDB®

□ Database: MongoDB



□ Editor: VSCode



Functionalities

- ❑ User account creation
- ❑ A user being able to login/logout of their account
- ❑ Verify addresses both in account creation and checkout
- ❑ Browse products
- ❑ Add/remove items from cart
- ❑ Database interacting with user profiles, products, and orders
- ❑ Checkout

Roles

☐ Kevin:

- Login page functionalities
- Sign-up functionalities
- Edit Profile

☐ Han:

- Adding/removing products
- Making sure items are added/removed from the shopping cart

☐ Chase:

- Database interaction with website
- Checkout process

Chrome File Edit View History Bookmarks People Tab Window Help

React App

localhost:3000/signup

Apps Dashboard | Stanf... AccessUH - Unive...


Other Bookmarks

CheapPhones

Home Products My Cart Signin Signup

Create Account

Username *

Password * 

First Name * Last Name *

Address 1 *

Address 2

City *

State *

Zipcode *

CREATE ACCOUNT

Sign-Up Page

Unsuccessful Sign-Up

* If username is already in the database

The screenshot shows a web browser window with two tabs: 'Data | Atlas: MongoDB Atlas' and 'React App'. The address bar shows 'localhost:3000/signup'. The website has a navigation bar with 'CheapPhones' on the left and 'Home', 'Products', 'My Cart', 'Signin', and 'Signup' on the right. The 'Signup' button is highlighted in blue. The main content area features a 'Create Account' form with the following fields: Username (filled with 'cha_10'), Password (filled with 'abc123'), First Name (filled with 'c'), Last Name (filled with 'a'), Address 1 (filled with '800 W CAMPBELL RD'), Address 2 (empty), City (filled with 'Richardson'), State (filled with 'Texas'), and Zipcode (filled with '75080'). A blue 'CREATE ACCOUNT' button is at the bottom of the form. A dark grey toast message at the bottom left reads 'Username already exists!' with a close button.

Browser tabs: Data | Atlas: MongoDB Atlas, React App

Address bar: localhost:3000/signup

Navigation: CheapPhones, Home, Products, My Cart, Signin, Signup

Create Account

Username *
cha_10

Password *
abc123

First Name *
c

Last Name *
a

Address 1 *
800 W CAMPBELL RD

Address 2

City *
Richardson

State *
Texas

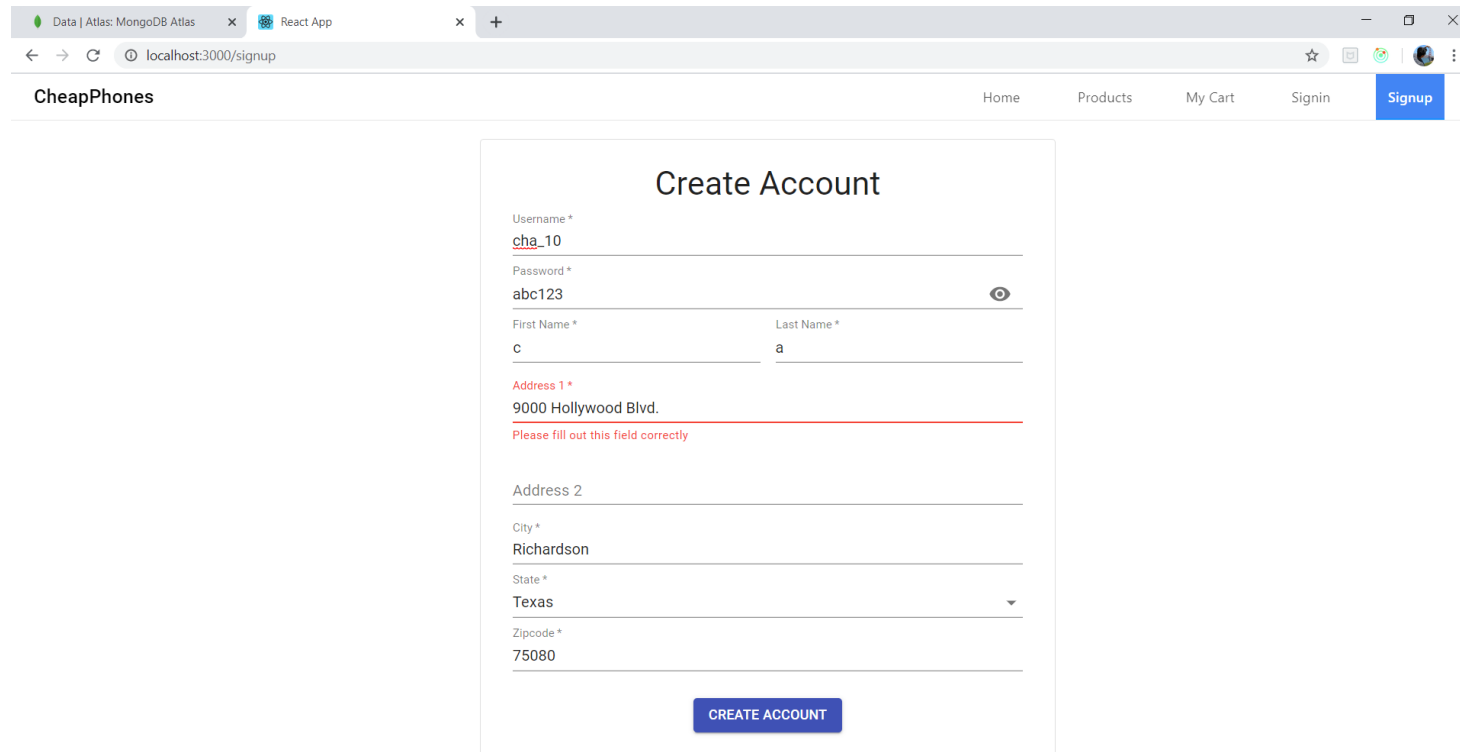
Zipcode *
75080

CREATE ACCOUNT

Username already exists!

Unsuccessful Sign-Up

*If you enter an invalid address



The screenshot shows a web browser window with the URL `localhost:3000/signup`. The page title is "CheapPhones". The navigation bar includes links for "Home", "Products", "My Cart", "Signin", and a blue "Signup" button. The main content area features a "Create Account" form with the following fields and values:

- Username *: `cha_10`
- Password *: `abc123` (with a toggle icon)
- First Name *: `c`
- Last Name *: `a`
- Address 1 *: `9000 Hollywood Blvd.` (with a red error message: "Please fill out this field correctly")
- Address 2: (empty)
- City *: `Richardson`
- State *: `Texas` (with a dropdown arrow)
- Zipcode *: `75080`

A blue "CREATE ACCOUNT" button is located at the bottom of the form.

Successful Sign-Up

localhost:3000/signup

CheapPhones

Home Products My Cart Signin Signup

Create Account

Username *
cha_10

Password *
abc123

First Name *
C

Last Name *
a

Address 1 *
800 W CAMPBELL RD

Address 2

City *
Richardson

State *
Texas

Zipcode *
75080

CREATE ACCOUNT

Account created successfully

cloud.mongodb.com/v2/5e8c953162e3f32060112ea1#metrics/replicaSet/5e8ca1ae025f4f59b8cb3bc8/explorer/test/users/find

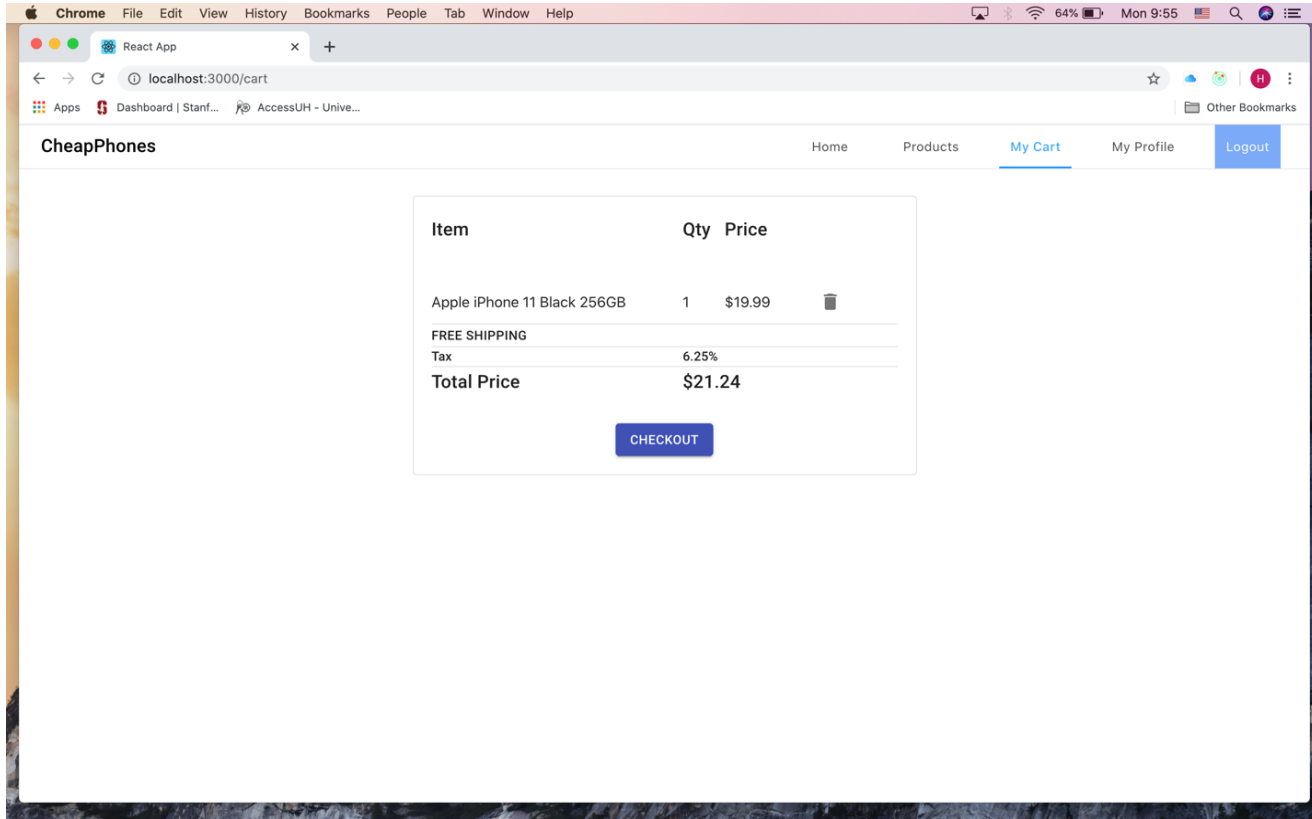
firstName's Org - 20... Access Manager Support Billing

Project 0 Atlas Stitch Charts

```
{
  "_id": "ObjectId('5e1ce9897ba9432cd8fffd3')",
  "Name": "Ca_10",
  "Password": "$2a$12$bvYcK1I8P0I6JBrU1YUquzTve541ob0Aa076JusTncRguJNC/K01",
  "Firstname": "c",
  "Lastname": "a",
  "Address1": "800 W CAMPBELL RD",
  "Address2": "",
  "City": "Richardson",
  "State": "TX",
  "Zipcode": 75080,
  "__v": 0
}
```

```
{
  "_id": "ObjectId('5eae1f10897ba9432cd8fffd4')",
  "Name": "cha_10",
  "Password": "$2a$12$vfHzwLrXRDNsIfi36wzx1e8I6j7KwYTom8KEP1IfsjsmjsEZHybnn",
  "Firstname": "c",
  "Lastname": "a",
  "Address1": "800 W CAMPBELL RD",
  "Address2": "",
  "City": "Richardson",
  "State": "TX",
  "Zipcode": 75080,
  "__v": 0
}
```

Feature Requests



Shopping Cart

Data | Atlas: MongoDB AtlasReact App

localhost:3000/checkout

CheapPhones

HomeProductsMy CartMy ProfileLogout

1 Shipping Address2 Billing Address3 Payment Details4 Review Order

Please provide the shipping address for this order.

First Name *C

Last Name *a

Address 1 *800 W CAMPBELL RD

Address 2

City *Richardson

State *Texas

Zipcode75080

BACK

NEXT

Checkout

ChromeFileEditViewHistoryBookmarksPeopleTabWindowHelp

React App

localhost:3000/checkout

AppsDashboard | Stanf...AccessUH - Unive...Other Bookmarks

CheapPhones

HomeProductsMy CartMy ProfileLogout

✓ Shipping Address

2 Billing Address

3 Payment Details

4 Review Order

Please provide the billing address for this order.

First Name *Last Name *

Address 1 *

Address 2

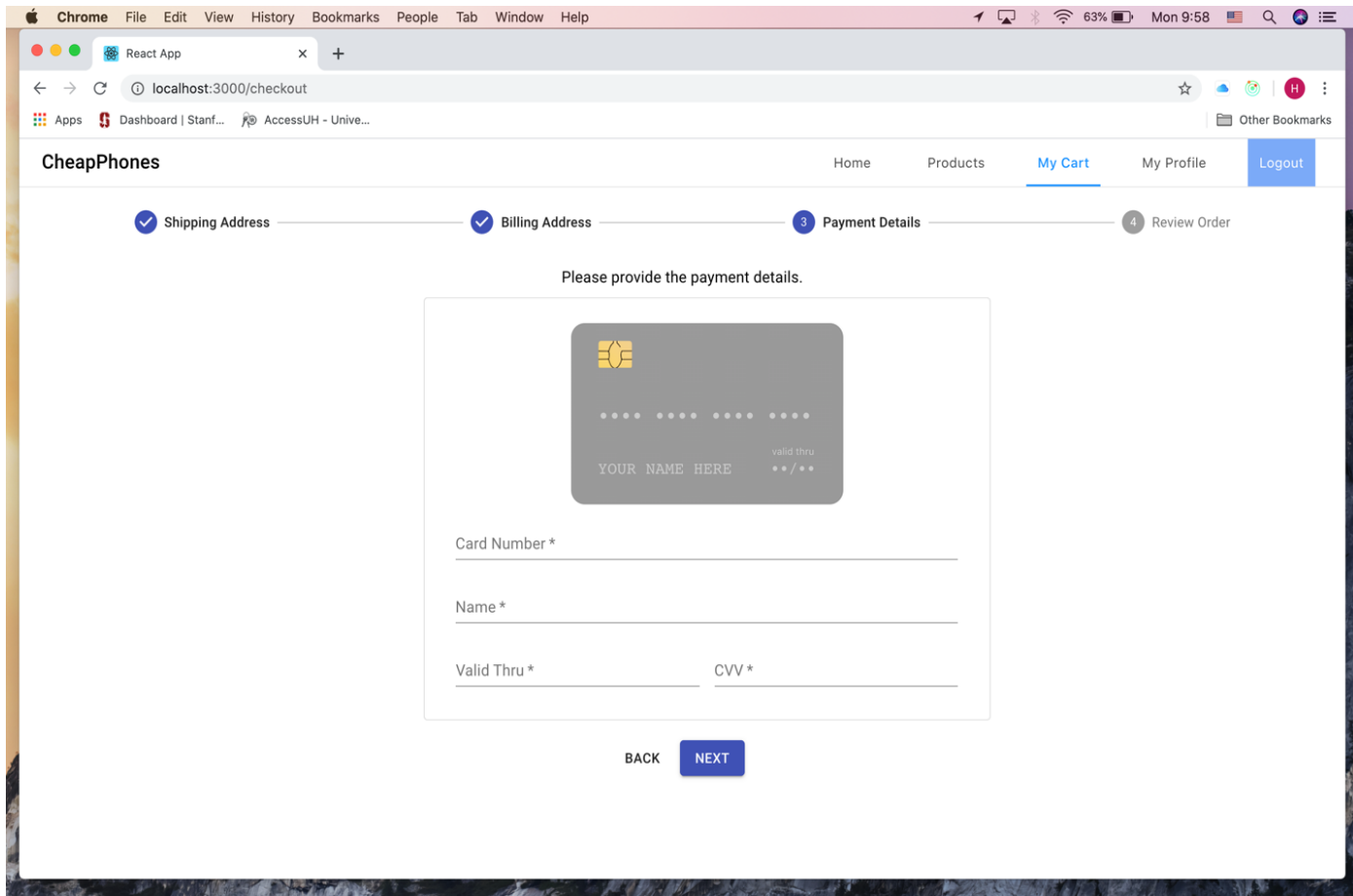
City *

State *

Zipcode

BACK

NEXT



✓ Shipping Address ————— ✓ Billing Address ————— ✓ Payment Details ————— 4 Review Order

Review and confirm to place your order.

Order Summary

C A
Apple iPhone 11 Black 256 GB Qty:1 \$19.99
Free Shipping
Tax: 6.25%
Total Amount: \$21.24

Shipping Address

800 W CAMPBELL RD TX 75080

Billing Address

800 W CAMPBELL RD TX 75080

Payment Details

c a
1234567890123456
2001-02-01
777

Estimated Delivery

Apr 25, 2020

BACK

PLACE ORDER