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Brief Description

- Mobile-friendly website to purchase firewood online
- Admin portal to allow for full control of website
- Easy tracking of order and transaction history
- Retrieve and store site information and data



Our Target Audience



- People interested in purchasing firewood
- Typical demographic: families, tourists, and any individuals looking to have a fire or go camping
- Rotary club staff and location managers

Requirements

- Provide a simple and intuitive user process on both mobile and computer platforms
- Robust and reliable to mitigate potential errors
- Security such that all data is stored privately
- Designed with adaptability in mind

Order Form

Enter Email:

Your email address

Enter Phone Number (Optional):

Your phone number

Select Pickup Location


West Kelowna


Select Firewood Bundle Quantity


1

Total Amount: **\$10.50**

Select Payment Option



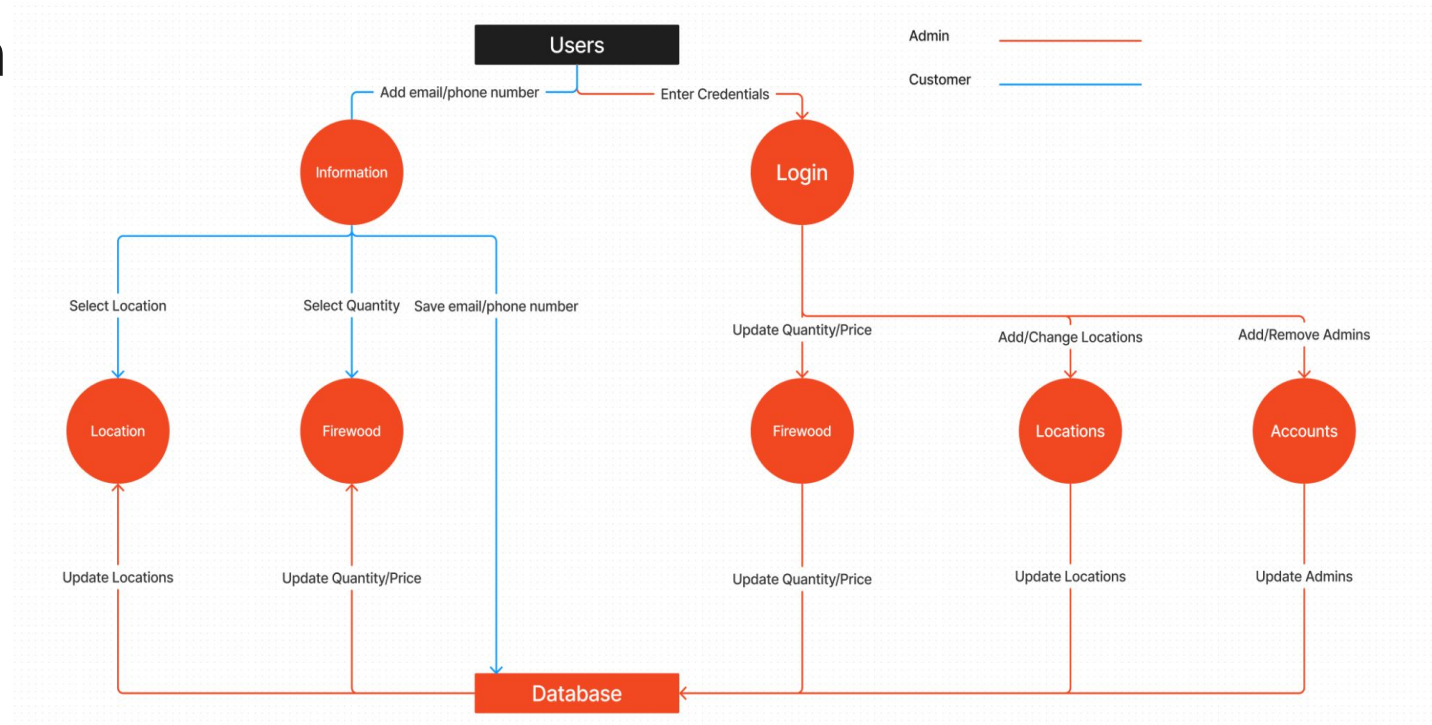




☐ e-Transfer ☐ Credit/Debit ☐ Cash

Continue

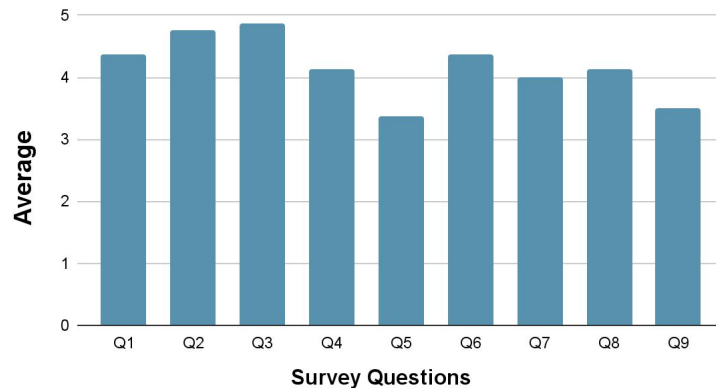
Design



Test Results

- Unit testing
- Peer testing
- Manual testing

Average Survey Scores by Question



```
PASS client/src/tests/parse.test.js
PASS server/src/tests/order.test.js
PASS server/src/tests/admin.test.js
```

```
Test Suites: 3 passed, 3 total
Tests:       12 passed, 12 total
Snapshots:   0 total
Time:        4.3 s, estimated 5 s
Ran all test suites.
```

Distinguishing Features

- Order summary search capabilities / exporting a CSV file

Order Summary

Search

Clear

Export CSV

Your search: (03/18/2023 - 04/12/2023)

Show Stats

Searched Orders (31)

ID	Date	Location	Address	Email	Phone Number	Bags (75)	Total (\$787.50)	Payment Type	Order Status	Admin Updates
122	19-Mar-2023	Lake Country	7777 Park Way	orderplace@test.ca		1	\$10.50	e-Transfer	Payment Pending <div><div>✓</div><div>✗</div></div>	
123	19-Mar-2023	Lake Country	5555 Test Ave.	newdebit@test.ca		3	\$31.50	Square	Pick Up Pending <div><div>✓</div><div>✗</div></div>	
124	19-Mar-2023	West Kelowna	4444 Street Rd.	cash@money.com		8	\$84.00	Cash	Completed <div>✗</div>	test approved (Pick Up Pending)
125	20-Mar-2023	Lake Country	6666 Word St.	bills@cash.com	2503333333	2	\$21.00	Cash	Cancelled	regularadmin cancelled (Pick Up Pending)
126	20-Mar-2023	West Kelowna	4444 Street Rd.	debitcard@square.com		1	\$10.50	Square	Completed <div>✗</div>	regularadmin approved (Pick Up Pending)

Distinguishing Features

- Google Maps API
- Dynamic home page details
- Price history

Bag Price: \$10.50

03-Apr-2023 test changed price to \$10.50

01-Apr-2023 test changed price to \$9.50

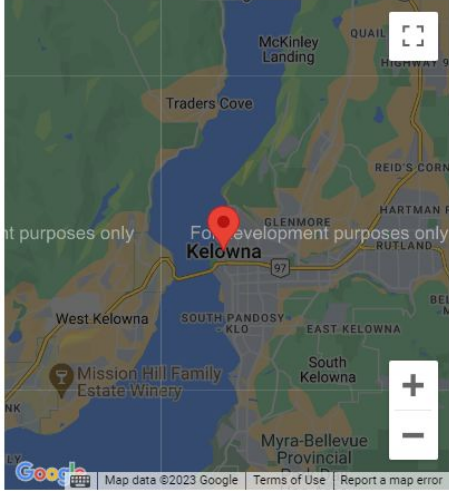
01-Apr-2023 superadmin changed price to \$8.70

Home Page Details

Title:

Pickup Location

Select Address

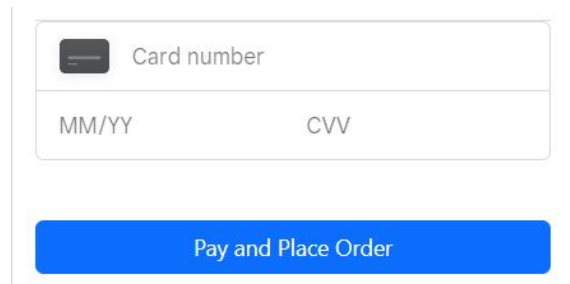




Future work

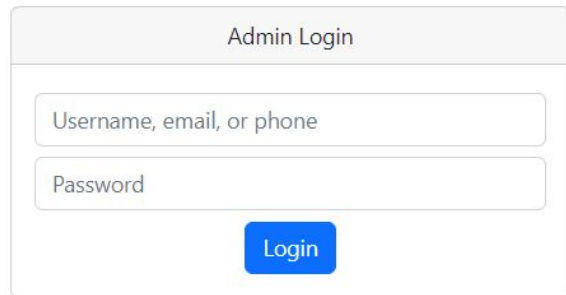
- Registering a domain
- Deploying the website
- Set up Google Maps billing account
- Set up Twilio billing account
- Connect the map to address selection (dropdown)
- Update the square account
- Maintenance

Our Technical Challenges



A payment form UI mockup. It features a card icon and a 'Card number' label. Below this, there are two input fields: 'MM/YY' and 'CVV'. At the bottom, there is a prominent blue button labeled 'Pay and Place Order'.

- Learning new framework/languages
- Connecting to the Square API
- Creating login sessions



An 'Admin Login' form UI mockup. It has a title bar 'Admin Login'. Below the title bar, there are two input fields: 'Username, email, or phone' and 'Password'. At the bottom, there is a blue button labeled 'Login'.