# VENDING CO.

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LOGIN PAGE
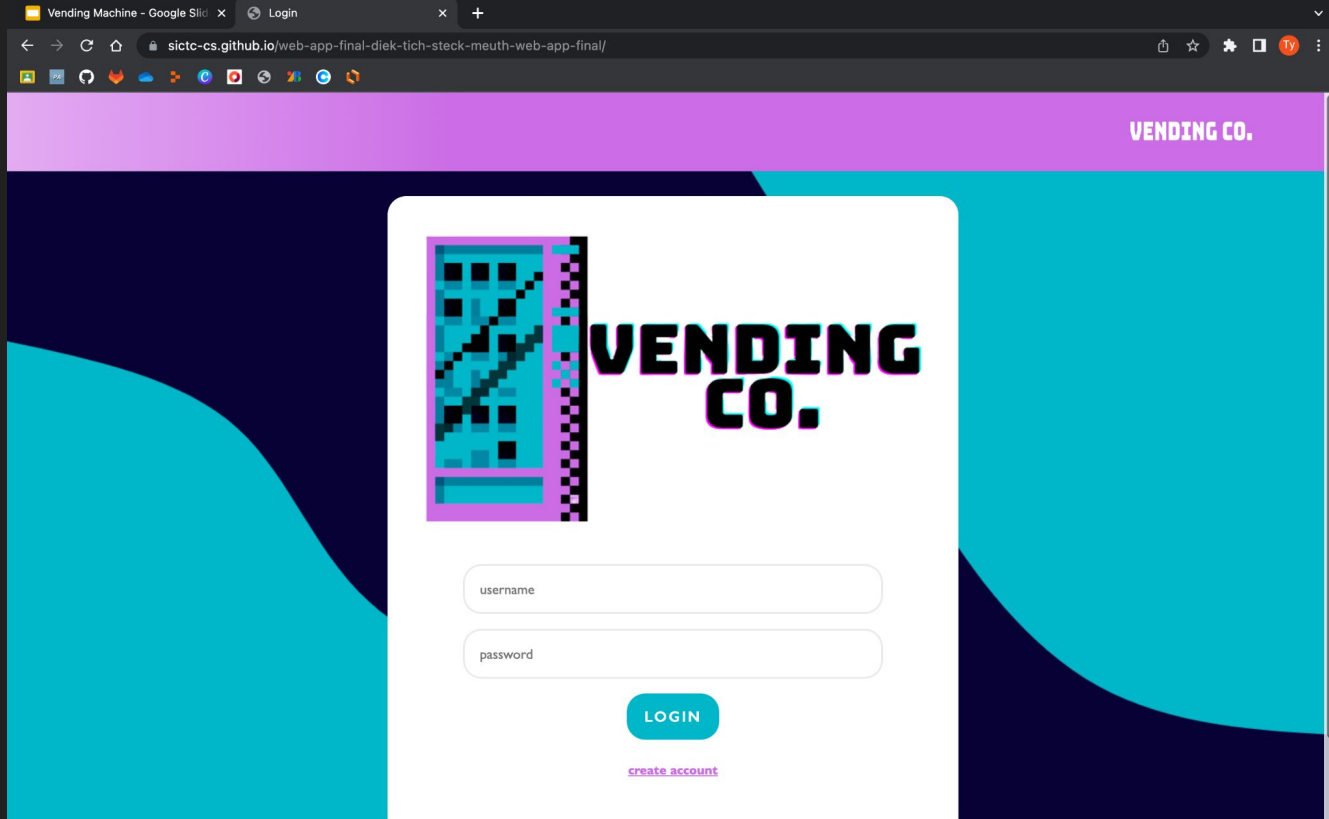
CREATE ACCOUNT PAGE

# QR CODES TO CHECKOUT

ITEM CHECKOUT PAGE

OTHER ITEMS
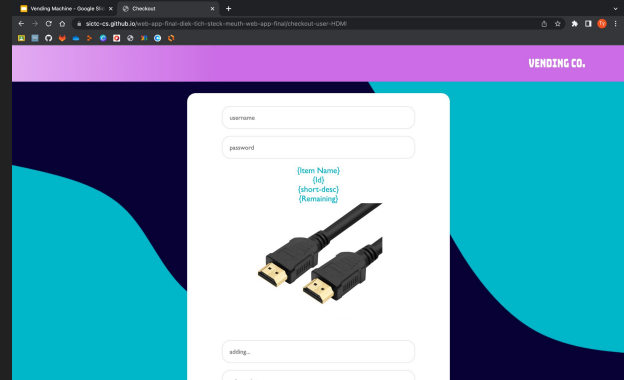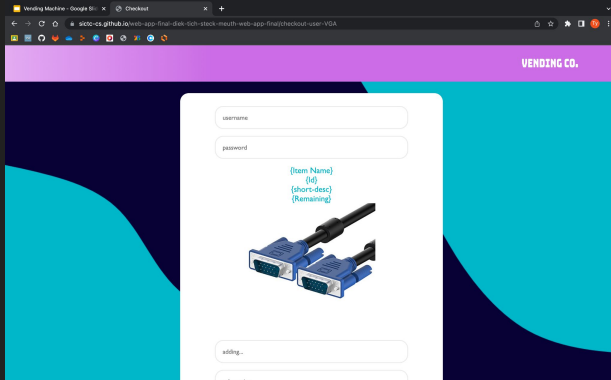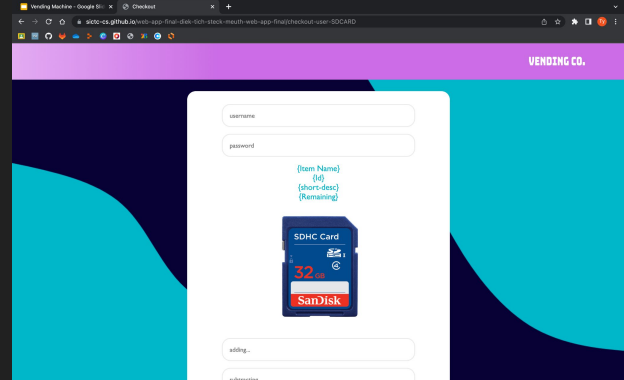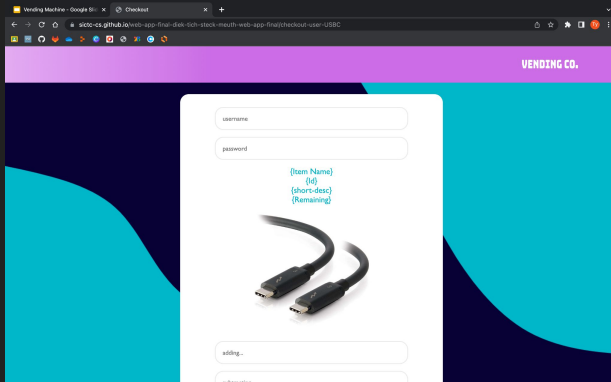
INVENTORY PAGE

ITEM DETAILS

VENDING CO.

{Item Name}
{Id}
{short-desc}
{long-desc}
{Remaining}
Lorem ipsum dolor sit amet consectetur, adipisicing elit. Ab omnis cupiditate tempora? Consequatur laudantium eos possimus magni consequuntur sed nulla, molestias amet ratione repudiandae. Perspiciatis consequuntur blanditiis necessitatibus eligendi ducimus?

LINKS TO PAGES

FLOWCHART

LOGIN

CREATE ACC

CHECKOUT

ITEM DETAILS

INVENTORY

input:
username,
password

input:
username,
password,
admin y/n?

input:
username,
password, how
many are you
taking away/
adding?
attributes:
item name, id,
short desc,
long desc,
remaining

attributes:
item name, id,
short desc,
long desc,
remaining

item card
attributes:
item name, id,
about,
remaining

**update info
card input:** id,
name, short
desc, long
desc,
remaining

HOMEPAGE HTML

```html
1  <!--page for login to IT vending machine-->
2  <!DOCTYPE html>
3  <html lang='en'>
4      <head>
5          <title>Login</title>
6          <meta charset="utf-8">
7          <link rel="stylesheet" href="style.css">
8          <meta name="viewport" content="width=device-width,initial-scale=1.0">
9      </head>
10
11     <header>
12         <div class="headerRight">
13             <a href="index.html"><img src="content/vendinglogo-text.png" height="25" width="135"></a>
14         </div>
15     </header>
16
17     <body>
18         <div class="login-card">
19             <div class="card-logo">
20             </div>
21             <form class="login-form">
22                 <input type="text" placeholder="username">
23                 <input type="password" placeholder="password">
24                 <button type="submit">LOGIN</button>
25             </form>
26             <div class="create">
27                 <h3><a href="createacc-admin.html">create account</a></h3>
28             </div>
29         </div>
30
31         <footer>
32             &copy; VENDING CO.
33         </footer>
34
35     </body>
36 </html>
```

CSS Styling

Checkout

Main

```
4    /* main style */
5  > body{ ⋯
17   }
18
19 > header{ ⋯
34   }
35
36 > table{ ⋯
40   }
41
42 > th,td{ ⋯
44   }
45
46 > .headerRight{ ⋯
48   }
49
50 > footer{ ⋯
54   }
55
56 > .boring-darkblue-bg{ ⋯
59   }
```

```
156
157    /* checkout */
158 > .checkout-item-info{ ⋯
162   }
163
164 > .checkout-form-for-checkout > button{ ⋯
177   }
178
179 > .checkout-form-for-checkout > button:hover { ⋯
181   }
182
183 > .checkout-card{ ⋯
192   }
193
194 > .checkout-form{ ⋯
199   }
200
201 > .checkout-form > input, .checkout-form > button{ ⋯
206   }
207
208 > .checkout-form > input{ ⋯
215   }
216
217 > .checkout-form > input:hover{ ⋯
219   }
220
221 > .checkout-form > button{ ⋯
236   }
237
238 > .checkout-form > button:hover { ⋯
240   }
```

DATABASE

```
E TABLES' at line 1
MariaDB [vending]> SHOW TABLES;
+-------------------+
| Tables_in_vending |
+-------------------+
| Items             |
| Users             |
+-------------------+
2 rows in set (0.001 sec)

MariaDB [vending]> Describe Items;
+-----------+--------------+------+-----+---------+----------------+
| Field     | Type         | Null | Key | Default | Extra          |
+-----------+--------------+------+-----+---------+----------------+
| Id        | int(11)      | NO   | PRI | NULL    | auto_increment |
| ItemName  | varchar(255) | YES  |     | NULL    |                |
| ShortDesc | varchar(255) | YES  |     | NULL    |                |
| LongDesc  | varchar(255) | YES  |     | NULL    |                |
| Remaining | varchar(255) | YES  |     | NULL    |                |
+-----------+--------------+------+-----+---------+----------------+
5 rows in set (0.004 sec)

MariaDB [vending]>
```

Python Connector

```python
import mysql.connector

# Establish a connection to the database
connection = mysql.connector.connect(
            host="localhost",
            user="cs23",
            password="Cl@nk@5!",
            database="vending"
                    )

# Create a cursor object to execute queries
cursor = connection.cursor()

# Write a query to fetch data from the table
query = "SELECT * FROM  Items"

# Execute the query
cursor.execute(query)

# Store the results in a variable
data = cursor.fetchall()

# Close the cursor and the database connection
cursor.close()
connection.close()
```

```python
html = '<table>'
html += '<thead><tr><th>Column 1</th><th>Column 2</th></tr></thead>'
html += '<tbody>'

# Iterate over the data and generate table rows
for row in data:
    html += '<tr>'
    html += '<td>' + str(row['column1']) + '</td>'
    html += '<td>' + str(row['column2']) + '</td>'
    html += '</tr>'

html += '</tbody></table>'

# Print the generated HTML table
print(html)
```

QUESTIONS?