

Headington's Menu Documentation

Overview: Headington's Menu is a web application that allows users to browse a menu of various beverages and place orders. Users can select items from the menu, add optional comments to their order, and then proceed to place the order. Once the order is placed, it is sent as a message to predefined phone numbers using Twilio's messaging service.

File Structure:

- 'index.html': This file contains the HTML structure of the web application, including the menu items, order functionality, and Twilio integration.
- 'assets' folder: This folder contains images of the menu items used in the web application.

CSS Structure:

- The CSS styles defined within `<style>` tags in the `<head>` section provide layout and visual enhancement to the application.
- Styles include formatting for contact card, buttons, text areas, and the selected items list.

JavaScript Functionality:

- JavaScript functions facilitate adding items to the order, updating the selected items list, removing items, clearing selected items, and placing orders.
- The `addItem()`, `removeItem()`, and `clearSelectedItem()` functions manage the selection and removal of menu items.
- The `sendMessage()` function collects order details as SMS messages using Twilio's API.
- The `orderNow()` function collects order information and triggers the sending of SMS messages upon order placement.

Website Development:

The website is hosted on Netlify and can be accessed at <https://headington-menu.netlify.app>

GitHub Repository:

The codebase for the website is stored in a GitHub repository. You can find the repository at <https://github.com/sinhaparth5/McDWebsite>.

QR Code:

A QR code is generated for the website, which when scanned, directs users to the provided link (<https://headington-menu.netlify.app/>).

Instructions for Pulling and Pushing to GitHub:

1. **Pulling from GitHub:** Open a terminal or command prompt. Navigate to the directory where you want to clone the repository. Use the following command to

clone the repository.

```
git clone https://github.com/sinhaparth5/McDWebsite.git
```

- 2. Pushing Changes to GitHub:** Make changes to the files in the local repository. Once the changes are made, add them to the staging area using the following command.

```
git add .
```

Commit the changes with a descriptive message:

```
git commit -m "Your descriptive commit message here"
```

Push the changes to the remote repository.

```
git push origin main
```

Functionality:

- Users can click on the beverage items displayed on the web page to add them to their order.
- Selected items are displayed under the “Selected items” section.
- Users can remove items from their order by clicking the “Remove” button next to each item.
- Optional comments can be added to the order using the text area provided.
- Clicking the “Order Now” button sends the order details as a message to predefined phone number using Twilio’s messaging services.
- After placing the order, the selected items list is cleared.

Integration with Twilio:

The web application integrates with Twilio’s messaging service to send order details as text messages to predefined phone numbers. Twilio credentials (account SID and auth token) and a Twilio phone number are used for the authentication and message sending. The `sendMessage()` function constructs the message content and utilizes Twilio’s API to send messages asynchronously.

Conclusion:

Headington’s web application provides user-friendly interface for browsing a menu, selecting items, and placing orders. The integration with Twilio enables seamless communication of orders to designate recipients via SMS.