# Roasted

## Our client

Roasted, an independent coffee shop represented by their Technical Lead Ms. Abeer

Starbuck, have approached us to help the reinvent the company’s digital offer.

Roasted roast and sell their own beans in the coffee stores, which really sets them apart from their

competition. They have two stores: Mall of the Emirates in Dubai and one in the Dubai Mall, both affluent

locations with huge customer potential.

Their stores are small but have some seating, though most coffees are sold to go, so they have

highlighted they need to speed up the ordering process. They have noted the need to have a digital

presence that will attract new customers and engage current customers.

Their current method of accepting orders digitally is done through social media. Customers send their

orders as a message, the Roasted team see the notification and make the coffees. Sometimes

notifications are missed and orders aren’t completed on time, they can’t be tracked, customer orders can’t

be stored over time and data collection is almost impossible and there’s no standard format for orders.

Customers can only pay when they arrive to pick up the coffee, meaning there’s still friction and little time

saved by ordering ahead.

What would you propose? Create wireframes for your homepage, menu page and checkout system.

## Design

One page

## Drinks

Cappuccino



Latte



Black



Espresso



Chi tea



Matcha Green Tea



Vanilla Matcha Tea



Brewed tea



Peach Iced Tea



Iced Chi Tea



Fanta



CocaCola



Soya Late



Soya Cappuccino



## Wireframes

## Colour Scheme

#734E1F brown

#AA7F4E nude

#FFEBCC creme

#00C9AE mint

## Text Face (Font)

## Bootstrap notes

### Background styles:

File bootstrap.css🡪 line 6713

Bg-sucsess = green

## Marking Criteria

### Excellent use of UI and UX Concepts in design and development. Your work provides evidence that you have developed an excellent understanding of UI and UX concepts.

MOBILE FIRST – people will be ordering on mobile

Appropriate Colour Scheme

Appropriate font

Wireframing ideas

Both scroll and click options to find location on page

Influence from existing webpages

Simple user navigation

### There is excellent evidence to suggest that you have identified and applied appropriate technologies, frameworks, programming techniques and constructs.

Git

Bootstrap

External CSS (where appropriate)

External JS (where appropriate)

Internal CSS (where appropriate)

Inline CSS (where appropriate)

JS manipulation of the DOM

Absolute References (images on page)

Absence of internal & inline JS (reusable code, efficiency, easy for dev to read)

### There is excellent evidence that you have developed, implemented and tested algorithmic solutions.

JS screanshot

Link to backend so it is ready for merging with backend

Order System

Event listeners

Arrays

Explain the process of the algorithm

### You have demonstrated excellent planning and interpersonal skills to elicit the necessary information from the stakeholders. This includes taking responsibility for quality, acting professionally, problem solving and rectifying any issues.

Trello

Separating responsibility for different sections

Communication between each other updating on progress

Designing with project brief in mind

Wireframes and design from that

Template from bootstrap for fast turnaround with working code

Testing during development

## Stuarts Questions

### What you made

Website for an ongoing business

Coffee shop

### Why

Speed up ordering process

Attract customers

Digital presence

### Problems

Carousel

* Worked well on desktop not on mobile
* Not light too processor heavy for mobile devices
* Formatting issues with images

Nav bar

* Disappeared on mobile
* Wasn’t aligning properly
* When it was aligned properly on mobile it was misaligned on desktop
* Wouldn’t to link to id tags properly
* Didn’t display logo properly

Ordering system

* Prices were incorrect data type
* Misalignment
* mispositioned pay button
* alignment issues with clear order button
* a lot of code (not lightweight)

Products

* coffee images needed to be set as background
* coffee images originally relative, needed to be absolute
* text colour and style needed to be contained in a semi-transparent box
* button issue with alignment

subheadings

* missing id

footer

* while fixing order positioning it misaligned the footer
* text colour wasn’t readable

### Change for next time

Nav bar dropdown on mobile, logo

Separate pages (separate page for ordering system)

More appropriate design of website

Including carousel and parallax image effect on subheadings if given more time (trade off between turnaround time and design)

Text size adjustment or text to speech for user accessibility

Ingredients and allergy

Remove single items from art instead of clearing all

### Workflow

Designated responsibilities

Using Trello to show when tasks are in progress and completed

Slack to explain progress

Comments on GitHub to describe what we have done and the changes we have made inc reasons why

Frequent updates on progress between each other

Collaborating on code on GitHub

Stand ups saying what we will aim to do and will be working on

Commenting code for communication and noting what sections of code are for

### UI & UX

MOBILE FIRST – people will be ordering on mobile

Appropriate Colour Scheme (coffee shop)

Appropriate font

Wireframing ideas

Both scroll and click options to find location on page

Influence from existing webpages

Simple user navigation

Description and images of products

Simple cart functionality (ease of use)

### Problem solving

Nav bar

* Disappeared on mobile
* Wasn’t aligning properly
* When it was aligned properly on mobile it was misaligned on desktop
* Wouldn’t to link to id tags properly
  + Reviewing html
* Didn’t display logo properly

All solved by reviewing style sheet and adding code from bootstrap library’s

Ordering system

* Prices were incorrect data type
  + js
* Misalignment
  + css
* mispositioned pay button
  + css
* alignment issues with clear order button
  + css

Products

* formatting issues with product images
  + coffee images needed to be set as background
* product images wouldn’t show across devices
  + coffee images originally relative, needed to be absolute
* illegible tect infront of product images
  + text colour and style needed to be contained in a semi-transparent box
* button issue with alignment
  + review CSS

subheadings

* selecting items on navbar wouldn’t move to subheading
  + missing id
  + add id

footer

* while fixing order positioning it misaligned the footer
  + review css
  + code from bootstrap library’s
* text colour wasn’t readable
  + review css

### Technology’s

Started with a bootstrap template with use of library’s

* mobile and desktop ready template
  + fast turnaround
  + working code
  + fewer cross browser bugs
  + lightweight and customisable
  + responsive structures and styles
  + library’s of prewritten working code

Git

* collaboration on code
* keeps record of versions
* allows explanation of changes
* cross platform development

External CSS/JS

* Reusable code
* Efficiency
* Easy for developers to follow/read
* Overwritable if necessary

Internal CSS

* Overwriting attribute from library’s for use in this specific website
* To make use of library’s whilst tailoring them specifically for our website
* Overridable by inline if necessary
* Reusable through webpage

Inline CSS

* Overwriting the reusable CSS from library’s, external and internal for specific items
* Allows positioning of specific items

JS Manipulation of DOM

* Allows us to change the contents of specific items in the webpage
* Specifically, it allows the external JS to output the value of the cart price and the cart contents on the webpage
* This makes the page reactive to the user
* It is necessary for the functionality of the ordering system

Absence of Internal and inline JS

* External makes code reusable
* Efficient to use library’s
* Easy for developers to read and follow
* Unnecessary for our page
* Repetition of JS code was needed