Project Charter



## Business Purpose:

*Kurbside is a service for businesses to offer curbside pickup by offering their existing in-store catalogue online without a large technology background.*

## Project Roles/Responsibilities:

*Project Manager – Liam De Rivers*

*Backend – Seth VanNiekerk*

*Frontend – Mark Moerkerken*

## Features List:

*Businesses can register and post their catalogue onto the platform for customers to purchase items.*

*Businesses can run sales on their items.*

*Business can add branding assets and images of items.*

*Different payment options, on pickup, or through the platform.*

*Members will be able to register for an account and add personal information for order tracking.*

*Members can add items to a cart, select pickup time, cancel an order.*

*Notification service when order is ready for pickup.*

## System Objectives:

*Responsive system with snappy interface.*

*Reduce hassle when attempting to purchase things online in these weird times due to COVID-19.*

*Overall clean and intuitive design.*

## Project Critical Success Factors:

Constant communication between team members is paramount for the success of this project.

The development of core components in a timely manner is essential.

## Preliminary Technical Architecture:

C#.NET while utilizing ASP.NET

HTML, CSS and JavaScript for web functionality and styling.

Microsoft SQL Server for the database portion of the project.

## Event Table (On the following pages):

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Use Case # | Use Case Name | Event | Trigger | Source | Response | Destination |
| UC01 | Business Register | Visitor clicks “Register as Business” | A business wants registers for an account. | Visitor | The Businesses account is created. | Business Member |
| UC02 | Member Register | Visitor clicks “Register (as Member)” | A visitor clicks wants to register for an account | Visitor | The now members account is created. | Member |
| UC03 | Login | Visitor Clicks Login | A visitor wants to login. | Visitor | The user is logged in to the website. | Business Member / Member |
| UC04 | Logout | Logout clicks the logout button. | A visitor wants to logout. | Business Member / Member | The user’s active session is terminated. | Visitor |
| UC05 | Business Add Item | Business clicks add item and enters item information. | A business wants to add an item. | Business Member | The item gets added to the inventory. | Business Member |
| UC06 | Business Remove Item | Business clicks remove item next to an item on their account. | A business wants to remove an item from their inventory. | Business Member | The item gets removed from the business inventory. | Business Member |
| UC07 | Business Create Sale | Business creates a sale to run for specific items. | A business wants to have a sale. | Business Member | A sale for that businesses selected items is created. | Business Member |
| UC08 | Member Add to Cart | Member clicks the add to cart button next to an item. | A Member wants to add an item to the cart | Member | The item gets added to the Member’s cart. | Member |
| UC09 | Member Removes Item From Cart | Member clicks remove from cart. | A Member wants to remove an item from their cart. | Member | the item gets removed from the Members cart. | Member |
| UC10 | Member Checkout | Members clicks the checkout button once their cart is full. | A Member wants to check out the items in their cart. | Member | The Member gets directed to their checkout page. | Member |
| UC11 | Member Adds Payment Method | Member clicks add payment method. | A Member wants to add a payment method to there their account. | Member | The Member payment method gets added to their account. | Member |
| UC12 | Member Updates Payment Method | Member clicks the update payment details. | A Member wants to update their payment details. | Member | The Member payment details get updated. | Member |
| UC13 | Member Removes Payment Method | Member clicks remove payment method. | Member wants to remove a payment method from their account. | Member | The Members payment method is removed from their account. | Member |
| UC14 | Member Adds Billing Address | Member clicks the add billing address button. | The Member wants to add a billing address to their account. | Member | If the address entered is valid the address is saved to the Members account. | Member |
| UC15 | Member Updates Billing Address | Member clicks the update billing address button. | The Member wants to update a billing address on their account. | Member | If the address entered is valid the address is updated on the Members account. | Member |
| UC16 | Member Removes Billing Address | Member clicks the remove billing address button. | The Member wants to remove a billing address on their account. | Member | The address is removed from the Members account. | Member |
| UC17 | Member Adds Email | Member clicks the add email button. | The Member wants to add an email to their account. | Member | If the email address provided is valid it is saved to the Members account. | Member |
| UC18 | Member Updates Email | Member clicks the update email button. | The Member wants to edit an email on their account. | Member | If the email address provided is valid it replaces the old one. | Member |
| UC19 | Member Removes Email | Member clicks the remove email button. | The Member wants to remove an email address on their account. | Member | The email is removed from the Members account. | Member |
| UC20 | Member Cancels Order | Member clicks the cancel order button. | The member wants to cancel an order. | Member | The order gets removed when applicable. | Member |
| UC21 | Member Views Notifications | Member clicks the view notifications button. | The Member would like to view their notifications. | Member | The notifications for the Member are retrieved and displayed to the Member. | Member |
| UC22 | System Sends Notification | When a Members order is ready to be picked up, they are sent a notification. | When a Members order is ready to be picked up. | System | The system sends the Member a notification. | Member |

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