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.*

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

*Business Customers 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 | Business Customer Register | Visitor clicks “Register (as Member)” | A visitor clicks wants to register for an account | Visitor | The now Business Customer account is created. | Business Customer |
| UC03 | Login | Visitor Clicks Login | A visitor wants to login. | Visitor | The user is logged in to the website. | Business Member / Business Customer |
| UC04 | Logout | Business Member / Business Customer clicks the logout button. | A visitor wants to logout. | Business Member / Business Customer | The user’s active session is terminated. | Visitor |
| UC05 | Change Password | The Business Member / Business Customer clicks the change password and changes their password | The Business Member / Business Customer wants to change their password | Business Member / Business Customer | The Business Member / Business Customer’s password is changed to the newly entered one. | Business Member / Business Customer |
| UC06 | Forgot Password | The Visitor to the website has forgotten their password and wishes to reset it. | The Business Member / Business Customer has forgotten their password and requests a forgot password email. | Visitor | The Business Member / Business Customer is sent an email with instructions on how to reset their password | Visitor |
| UC07 | 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 |
| UC08 | Business Edit Item | Business clicks edit item and changes any necessary information. | A business wants to edit an item listing. | Business Member | The item is edited in the database with the new information | Business Member |
| UC09 | 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 |
| UC10 | 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 |
| UC11 | Business Edits Sale | The Business Member would like to edit the sales details | A business wants to edit a sale, be it now or in the future. | Business Member | The sale is edited with the inputted information | Business Member |
| UC12 | Business Ends Sale | The Business Member would like to end a sale early | A business wants to end a sale before its end date. | Business Member | The sale is removed from the store listing. | Business Member |
| UC13 | Business Customer Adds to Cart | Business Customer clicks the add to cart button next to an item. | A Business Customer wants to add an item to the cart | Business Customer | The item gets added to the Business Customer’s cart. | Business Customer |
| UC14 | Business Customer Removes Item From Cart | Business Customer clicks remove from cart. | A Business Customer wants to remove an item from their cart. | Business Customer | the item gets removed from the Business Customer’s cart. | Business Customer |
| UC15 | Business Customer Checkout | Business Customer clicks the checkout button once their cart is full. | A Business Customer wants to check out the items in their cart. | Business Customer | The Business Customer gets directed to their checkout page. | Business Customer |
| UC16 | Business Customer Adds Payment Method | Business Customer clicks add payment method. | A Business Customer wants to add a payment method to there their account. | Business Customer | The Business Customer payment method gets added to their account. | Business Customer |
| UC17 | Business Customer Updates Payment Method | Business Customer clicks the update payment details. | A Business Customer wants to update their payment details. | Business Customer | The Business Customer’s payment details get updated. | Business Customer |
| UC18 | Business Customer Removes Payment Method | Business Customer clicks remove payment method. | A Business Customer wants to remove a payment method from their account. | Business Customer | The Business Customers payment method is removed from their account. | Business Customer |
| UC19 | Business Customer Adds Billing Address | Business Customer clicks the add billing address button. | A Business Customer wants to add a billing address to their account. | Business Customer | If the address entered is valid the address is saved to the Business Customer’s account. | Business Customer |
| UC20 | Business Customer Updates Billing Address | Business Customer clicks the update billing address button. | The Business Customer wants to update a billing address on their account. | Business Customer | If the address entered is valid the address is updated on the Business Customers account. | Business Customer |
| UC21 | Business Customer Removes Billing Address | Business Customer clicks the remove billing address button. | The Business Customer wants to remove a billing address on their account. | Business Customer | The address is removed from the Business Customers account. | Business Customer |
| UC22 | Business Customer Adds Email | Business Customer clicks the add email button. | The Business Customer wants to add an email to their account. | Business Customer | If the email address provided is valid it is saved to the Business Customers account. | Business Customer |
| UC23 | Business Customer Updates Email | Business Customer clicks the update email button. | The Business Customer wants to edit an email on their account. | Business Customer | If the email address provided is valid it replaces the old one. | Business Customer |
| UC24 | Business Customer Removes Email | Business Customer clicks the remove email button. | The Business Customer wants to remove an email address on their account. | Business Customer | The email is removed from the Business Customers account. | Business Customer |
| UC25 | Business Customer Cancels Order | Business Customer clicks the cancel order button. | The Business Customer wants to cancel an order. | Business Customer | The order gets removed when applicable. | Business Customer |
| UC26 | Business Customer Views Notifications | Business Customer clicks the view notifications button. | The Business Customer would like to view their notifications. | Business Customer | The notifications for the Business Customer are retrieved and displayed to the Business Customer. | Business Customer |
| UC27 | System Sends Notification | When a Business Customers order is ready to be picked up, they are sent a notification. | When a Business Customers order is ready to be picked up. | System | The system sends the Business Customer a notification. | Business Customer |

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