**Final Report**

**for**

**Nom Nom Express**

**By**

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*< Texts in this format are comments on how to use the template and are to be deleted when using the template>*

## Project Overview

[assigned to: Kento, talk to Shohreh about this section (how big, detailed etc)]

## Project Specifications

### 2.1 Function Requirements

* R01 – The client must be able to log into an admin account
* R02 – The admin account must be able to add products to the web site
* R03 - Must be able to display products by categories
* R04 - Customers must register to place orders
* Must provide a fully functioning shopping cart utility where a customer can:
  + R05 - display the selected items currently in the cart
  + R06 - add selected products to the cart
  + R07 - delete products (individually or all) from the cart
  + R08 - adjust the quantity of a selected product currently in the cart
  + R11 (CR01) - Create a unique file for each order that contains the order confirmation information so that at a future date, the information in the file can be sent to the client as an email message
  + R12 - include a secure, online payment process
* R13 - Allow customers to view their order history
  + R50 (CR02)
    - A. All users must be shown a new privacy page informing them of this new law, what personal information is being collected on them and how that information will be used.
    - B. Users must either accept the terms or decline them.
    - C. Users must be able to change their mind on accepting or declining the terms later on.
    - D. Users that decline the terms will not be allowed to login to the main site.

### 2.2 Non-Function Requirements

* R09 - preserve the contents of the cart if the user’s session is disconnected accidentally
* R10 - have the cart accessible regardless from any machine the customer is logging in
* R14 - Provide an intuitive, consistent look and feel to the user interface
* R15 - Use free open-source software
* R16 - Have the system fully tested and up and running in 8 weeks (this is a firm deadline)

### 2.3 Group Roles

[assigned to: Kento, talk to Shohreh if needed]

## Usability Guide

*< This should be in the form of a step-by-step guide that walks a user through the functionality of the website and include screenshots.>*

[assigned to: Angela, rough draft below, will be expanding and adding screenshots]

1. User accesses URL [include production address]
2. Site prompts user to Login with a login window

* New User:

1. User selects Create a New Account
2. A General Data Protection Regulation window is displayed, User can Accept or Decline the policy
   * User clicks Decline button
     + 1. Window closes, redirected to main page, prompted to Login
   * User clicks Accept button
     1. Window closes, redirects to Registration page
     2. Enter registration information into appropriate fields, click Register button, correct any invalid entries or missing fields
   * Existing User:
3. User enters username/password and clicks Submit button, correct any invalid entry
4. User is logged in
   * + - Customer Account:
5. Site redirects to main page, with updated navigation bar and activated Add to Cart buttons
6. Menu items can be filtered by clicking on the category in the navigation bar
7. Account Info
   * 1. User can review Account info and history by clicking Account Info in the navigation bar. Order History is displayed on the left, clicking on an order will expand the details to display each item ordered. Account Info is displayed on the right, showing all the registration information
8. Add item to cart
   * 1. Menu items can be added to cart by clicking the Add to Cart button. If clicked more than once, quantity of item in cart is increased
9. Display cart
   * 1. Cart can be displayed by clicking on Cart in navigation bar
10. Update cart
    * 1. Quantity of item can be adjusted by clicking the + or – buttons
      2. Item can be deleted by clicking on the [trash] button
      3. Cart can be emptied by clicking on the Clear [cart] button, page will update to display message ‘No Items in the Cart’
11. Order can be placed by clicking on the Place Order button
    * 1. Payment window opens, User enters credit card information and clicks Pay button
      2. Site redirects to Order Complete page, displaying Order details and thank you message to User
      3. Site creates an Order Confirmation file in Orders folder simulating an Order Confirmation email
12. User clicks Back to Menu button to return to main page

* Admin Account:

1. Site redirects to Admin page, displaying Store Info, Add Menu Item form, and list of existing Menu Items that can be edited or enabled/disabled
2. Update Store info
   * 1. clicking Update Store information button
     2. window opens with Update Form, User enters new information, clicks Submit button
     3. window closes, new information displayed in Store info section
3. Add new Menu item
   * 1. Enter item information into Add Menu Items Form, select picture from file, click Submit
     2. …
4. Update Current Menu Items
   * 1. …
5. User logs out
   * + - 1. Click Logout button from navigation bar
         2. Site redirects to main page and prompts for login

## Problems and Challenges

*< Problems and challenges you faced as a group during the project. This should include a description of each problem and how you overcame it>*

[Final write up assigned to: Manny]

Technical issues

1. Database Forward Engineer not working (overcame by writing our own sql)
2. Gitlab (how did we collaborate when gitlab down / collaboration, learnings came late)
3. Consistency (Plan out naming conventions as a team, including filenames and global variable names)

Connection issues

1. Deepblue connection
2. Remote Connection to School labs

Learnings

1. MS Project software learned late
2. Use Case writeups (more detailed, more clear idea of what it should do/look like up front)

## Skills Learned

*<What your team learned (include both technical and soft skills)>*

[Final write up assigned to: Kamila]

1. Php middleware, connection to db
2. Stripe payment
3. Experience writing use cases & other project documentation
4. GitLab collaboration (branching/merging etc)
5. Interpreting team members code (different styles, etc)
6. mySQL db
7. Experience with all phases of a project, to better anticipate needs further down and avoid rework

## Proposed Changes

*<What your team would do differently next time>*

[Final write up assigned to: Kamila]

1. Plan out naming conventions as a team, including filenames and global variable names
2. More stable leadership/roles (changing roles every week was disruptive to the flow)
3. Spend more time discussing/analysing/planning up front

## Code Snippets

*<A couple of blocks of your team’s code showing examples from the back-end, middle-ware and front-end. Explain what it does and why your team is proud of it!>*

[assigned to: Kamila]

1. Back-end / middleware:

[assigned to: Manny]

1. Middle-ware:

[assigned to: Kento]

1. Front-end: