EZ Recipes Website

User's Manual

www.ezrecipes.us

Bellarmine University Computer Science Department

E-Commerce Technologies Project

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Introduction

Purpose:

The purpose of this user's manual is to help guide users through the various pages and functions of the EZ Recipes website to allow for smooth transactions.

Background:

People are always looking for the easiest and most convenient way of doing tasks. Our EZ Recipes platform will eliminate the need of searching for specific ingredients in multiple locations, allowing for a convenient way to successfully try new recipes and get the necessary ingredients.

About the Developers:

The developers for this project are Brooke Kennedy and Carson Blevins. Both are senior computer science majors at Bellarmine University. This site has been developed as the final project for the class E-Commerce Technologies.

The Web Site:

The EZ Recipes web site (http://www.ezrecipes.us) is a database driven e-commerce site. All pages except for the checkout page are dynamic and database driven.

The dynamic pages include:

- **Home** page contains links to various categories of recipes, along with tools to view recipes under different criteria. The home page also includes a navigation bar that allows search of recipe title, recipe ingredient, grocery item, or recipe categories. The home page also includes the top six trending recipes in our database.
- **Go To Recipe** page will include the title of the recipe, the recipe picture, recipe ingredients, recipe directions, and a link to all grocery items associated with the recipe.
- The **Vegetarian**, **Italian, American**, and **Drinks** pages listed under Categories will include all recipes associated with the specific category.
- The **All Recipes** and **Popular Recipes** listed under Tools will display all recipes and popular recipes, respectively. **The I'm Feeling Lucky** page will

generate a random recipe and be displayed in the same fashion as the Go to Recipe page.

- **Grocery Store** page includes all grocery items for sale on EZ Recipes.
- **Shopping Cart** page will show all grocery items added to the cart. It will also allow for updating quantities and removal of items from your shopping cart. The shopping cart page will show the total value of what is in the cart, and give options to continue shopping or proceed to checkout.
- **Help** page will display the user's manual to help users navigate the site.

The static pages include:

- **Checkout** page will display a form where a user would input their information to complete their checkout. However, for the scope of this project, the checkout page is static and will not process any information.

Chapter I

<u>Navigation through the EZ Recipes Website</u>

1.1 General Navigation

Navigation through the EZ Recipes Website does not require any special skills or specialized software. The web site was developed to be accessible using any modern web browser, although it is best viewed through Google Chrome.
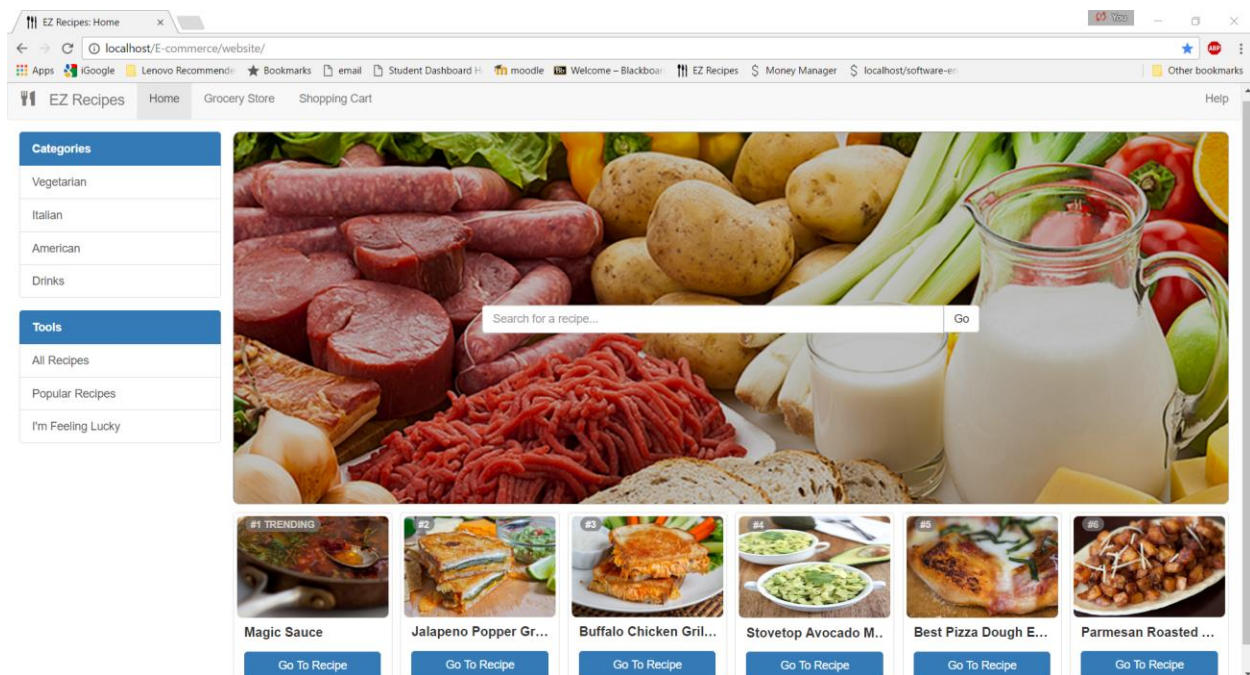
A standard Google Chrome page is shown above, displaying the EZ Recipes home page. Common features are:

- Back – The Back button will cycle backward, page by page, through pages users have previously viewed.
- Forward – The Forward button will cycle forward, page by page, through pages users have already viewed.
- Refresh – The Refresh button fetches a fresh version of the user's current page.
- Address Bar – This is the location where users can type in any web address they want to view. In order to go to the EZ Recipe's website, for example, users would type in http://www.ezrecipes.us

Most of the web pages have a similar format. On the left side is a set of Categories links which allow users to navigate to different categories of recipes. Under the Categories links are Tool links which allow users to employ different tools such as viewing all recipes or viewing a random recipe by choosing I'm Feeling Lucky. There is also a quick navigation toolbar at the top of each page. The toolbar employs a search feature, allowing users to search specific key words for recipes and ingredients. The main content of each page is under the toolbar and to the right of the categories and tools links.

Chapter II

<u>The EZ Recipes Website</u>

2.1 Home
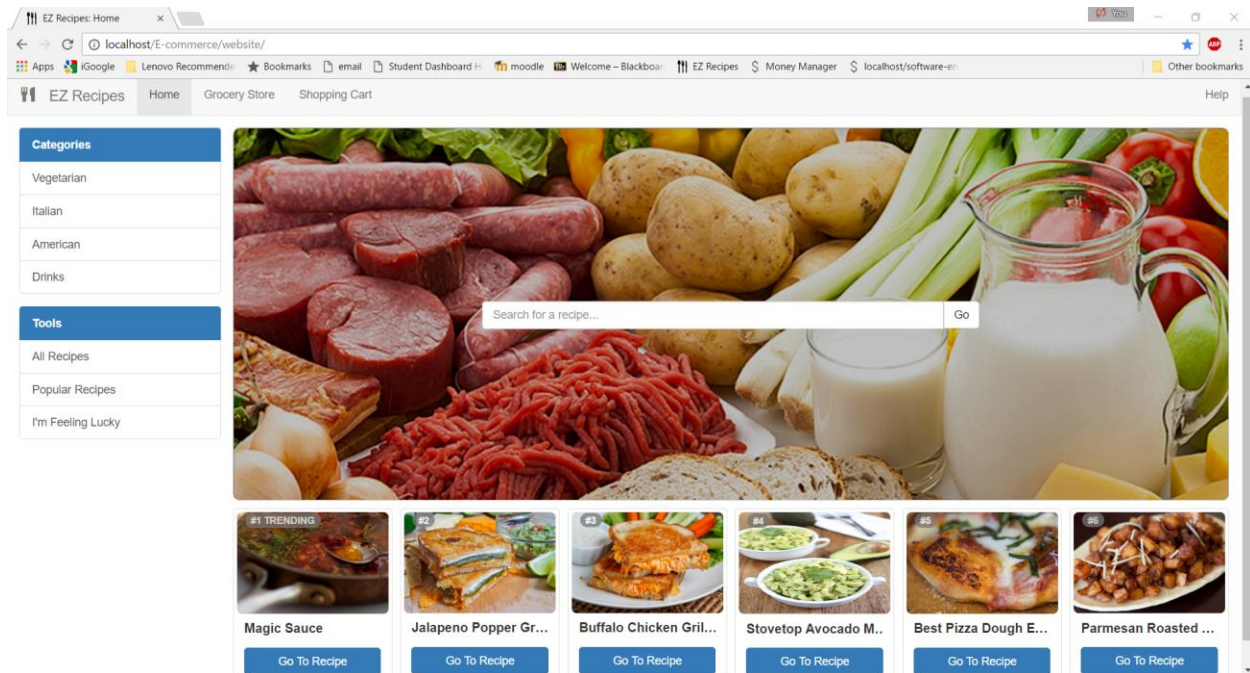
What does this page contain?

EZ Recipes home page contains the following information:

Navigation bar- The navigation bar contains links to four pages that will be present throughout the site. The first button is "Home" which will lead you to the home page. The second button "Grocery Store" leads to EZ Recipes' virtual grocery store. The third button is "Shopping Cart". The shopping cart contains the quantities and prices of grocery items you have added to the cart. Lastly, the navigation bar contains the "Help" button. The help page will display general information on how to navigate the site.

Side bar- The side bar contains links to display specific categories of recipes, a link to see all recipes, a link to see popular recipes, and the "I'm feeling lucky" button to randomly generate a recipe from EZ Recipes.

Search- The search bar allows for the user to search by title of recipe, ingredient of recipe, category of recipe, or grocery item.

Trending- The trending section located below the search displays the top six trending recipes from EZ Recipes.
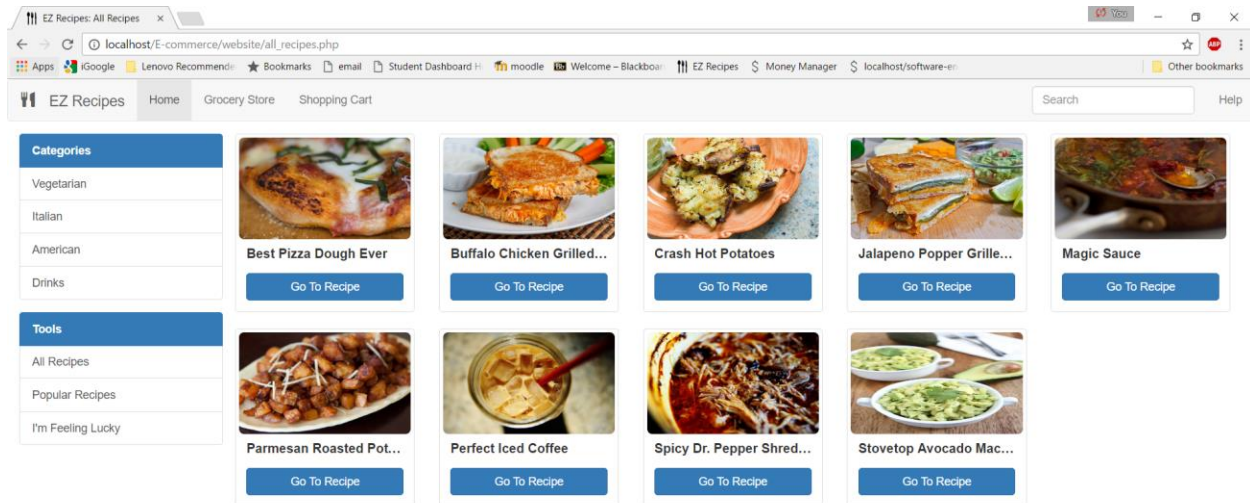
2.2 Categories
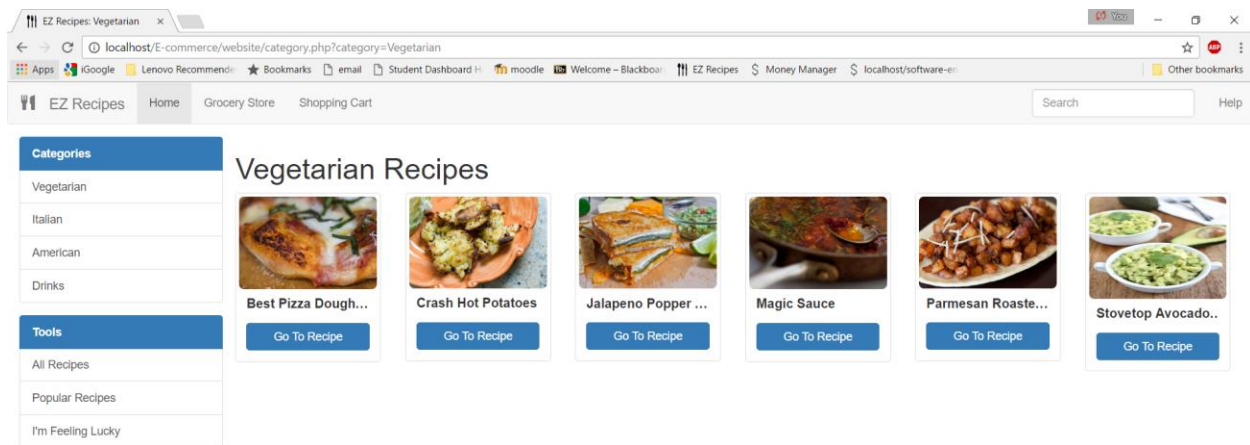
What does this section contain?

The categories section includes links to navigate to pages displaying vegetarian recipes, Italian recipes, American recipes, and drink recipes. Above is an example of the Vegetarian recipes page. Each categories page will follow the same format.

2.3 Tools

What does this section contain?

The tools section contains links to view all recipes in the EZ Recipes database, along with popular recipes, and a link to randomly generate a recipe from the EZ Recipes database. The first picture above is the "All Recipes" page. The "Popular

Recipes" page will follow the same format. The second picture shows an example of the "I'm Feeling Lucky" page. This generates a random recipe and displays the ingredients needed and quantities, along with directions to make the recipe. It also contains the "Get Ingredients" link which will pull up all the grocery items needed to make the recipe, from which you can then add to cart.

2.4 Go to Recipe

What does this section contain?

The Go to Recipes section contains the information for each recipe. These pages display the name of the recipe, a picture of the completed recipe, a list of the ingredients, and the directions that detail how to make the recipe. There is also a Get Ingredients button that navigates to a grocery page listing all the ingredients in the respective recipe. From there, the ingredients can be added to your cart.

2.5 Grocery Store
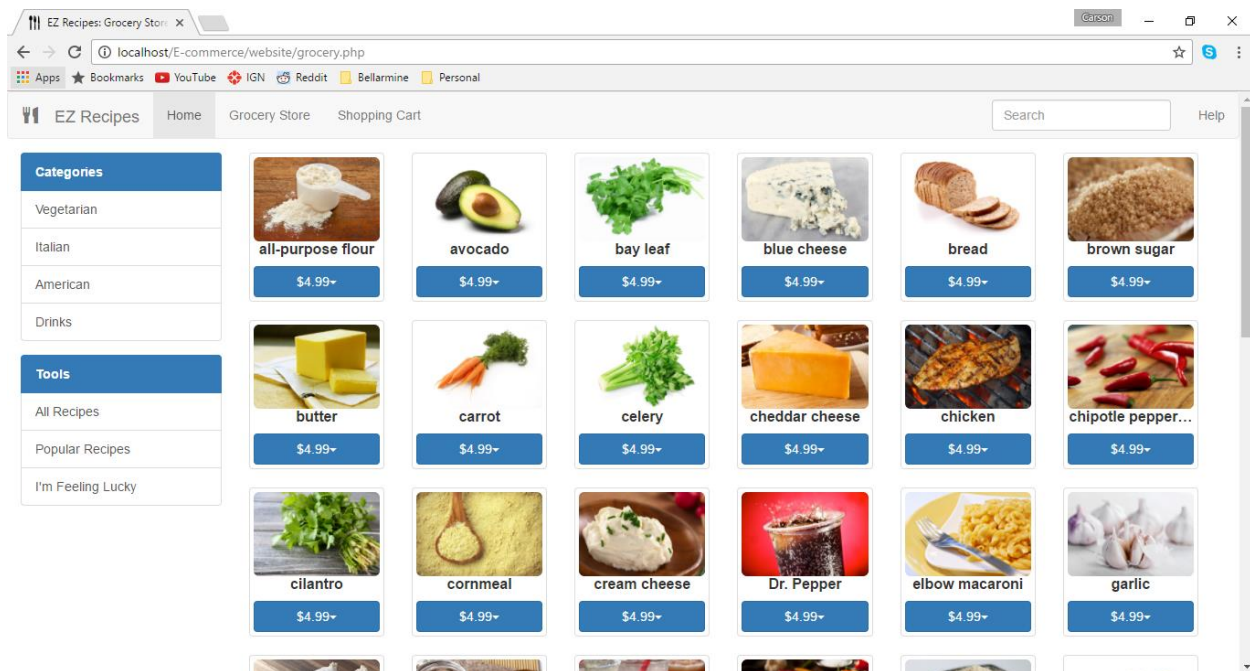
What does this section contain?

The Grocery Store contains all the ingredient items that are sold on the site. Each ingredient is represented by a picture with their corresponding price in a button below it. If this button is pressed, a drop down is created with an add to cart option. If this option is pressed, the ingredient will be added to the current user's cart. The user can then go to their cart, review their items and checkout.

2.6 Shopping Cart

What does this section contain?

The Shopping Cart section contains the current user's selected ingredient items. These items were chosen on the grocery page and added to their cart. When the add to cart button is pressed, the user is taken to this page. The ingredient items chosen are displayed in a table. Each ingredient is on a separate row and displays the same information: item number, ingredient name, price, and quantity of ingredient. The item number corresponds to the sequential number of the selected item, starting with 1, then 2, 3, and so on. The ingredient name corresponds with the ingredient item in the cart. The price corresponds to the respective ingredient's price. The number of the respective ingredients the user has in their cart is listed in the quantity column. The quantity can be changed by either pressing the up or down arrows, increasing or decreasing the quantity respectively, that appear when the user hovers their mouse over the quantity form. The user could also click inside the form and enter the quantity. When the desired quantity is displayed, the submit button can be clicked. This action will save the changes made to the cart and reflect the respective quantity in each row. The total price of the all the items in the cart is listed at the bottom of the page. Each row also has a Remove Item button that takes the respective ingredient's row out of the shopping cart. This also updates the shopping cart's total. At the

bottom of the page is a Continue Shopping button that will navigate to the Grocery Store. Under the Continue Shopping button is a Checkout button which navigates to the Checkout Information Page.

2.7 Checkout Information

What does this section contain?

The Checkout Information page is the last step before the payment gateway. In order to register information for payment, users complete forms that record information such as first name, last name, email address, and phone number. The page also includes payment buttons that allow the user to choose which method of payment they wish to use. If the Pay With Card button is chosen, a collapsible menu expands. Users then enter card information such as Card Number, Expiration Date, Security Code, Name on Card, and Billing Address. There is also a PayPal option that, when pressed, will navigate to a PayPal login page. When the user is ready to commit the transaction, they can press the Finish Checkout button, taking them to a review of their order.

2.8 Search functionality
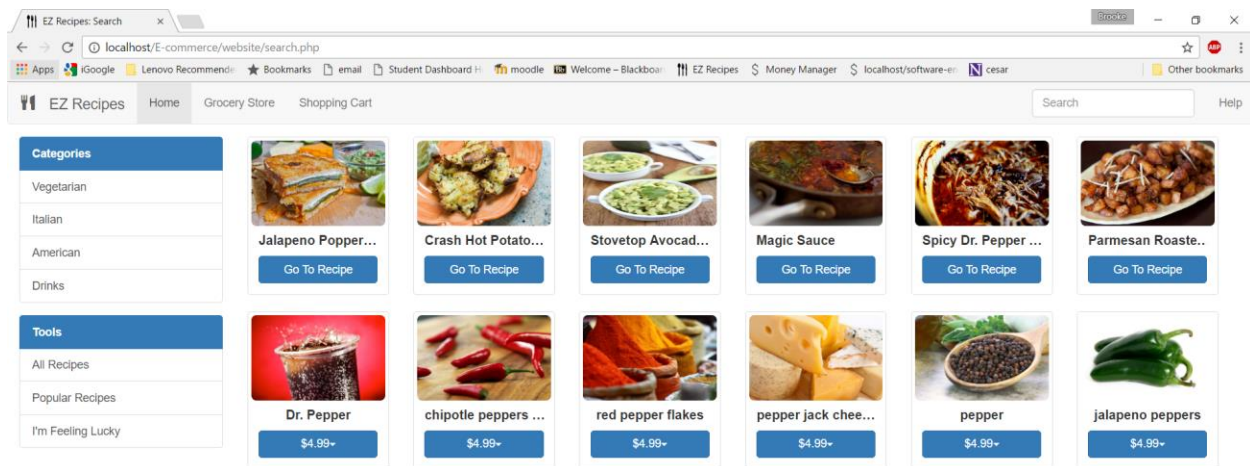
What does this section contain?

The search form in the toolbar is located in the upper right corner of every page, or at the center of the home screen. The user can enter text into this form. Pressing enter with text in the form navigates to the search page. Users can search for the title of a recipe, a recipe that contains a certain ingredient, a grocery item, or a category of recipes. Displayed first is each recipe that contains the text in either the title or ingredient list. Next, the matching grocery items are listed as thumbnails just as they are in the grocery store page. The above picture is an example of a search for "pepper".