

TKN PC PARTS

User Manual

Team Members: Nat Bitton, Trevor KM, Karl Alvarado

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Vanier College
Application Development

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Introduction

Welcome to TKN PC Parts Store GUI application, designed to revolutionize the way customers interact with and purchase computer components. Our application combines user-friendly features with cutting-edge technology to offer a seamless shopping experience. From intuitive navigation and real-time inventory updates to personalized recommendations and checkout processes, our GUI application aims to simplify the complex world of PC building. Explore our User Manual to discover how this application will enhance customer satisfaction and streamline business operations.

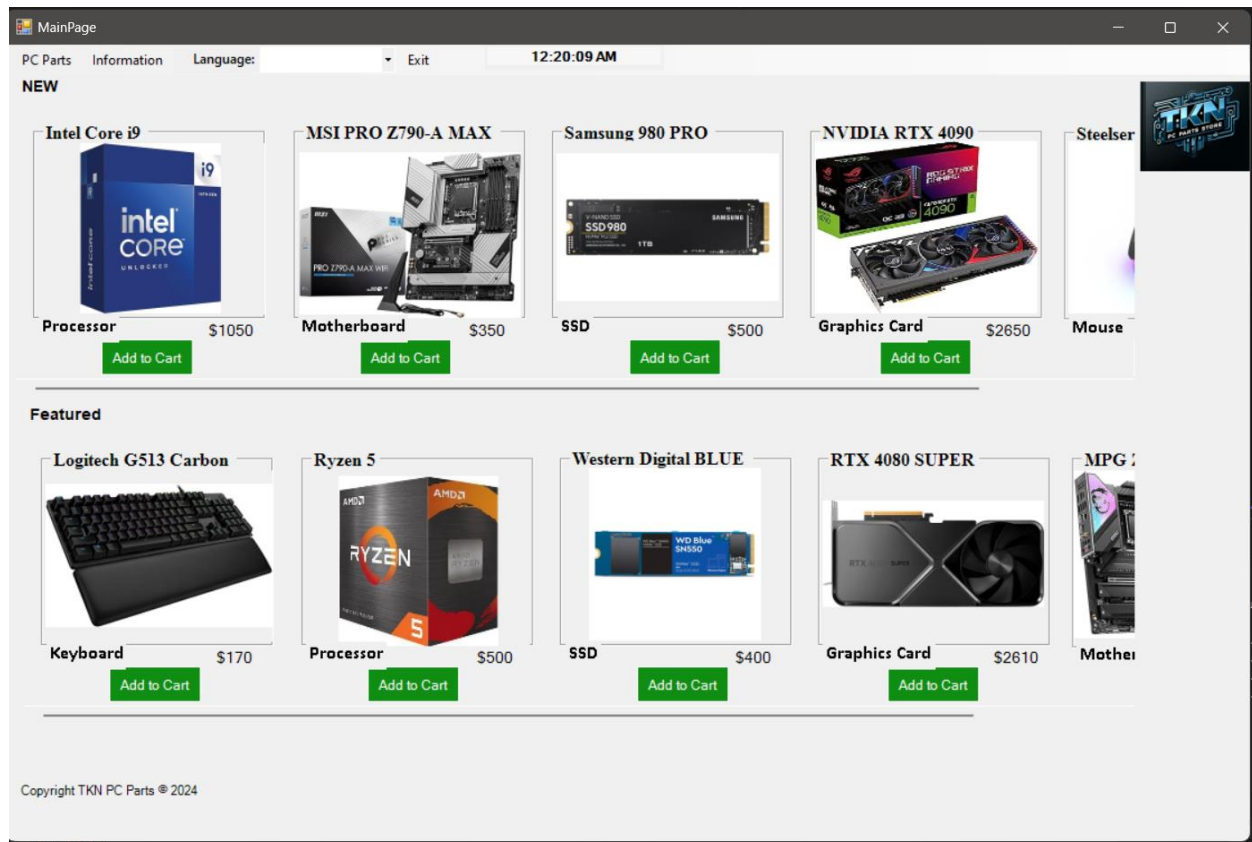
Name is pronounced “Tech N PC Parts”.

Features

- **Layout:** one of the key features of our application is the layout of each page. Using visual inheritance, we were able to achieve a similar look and feel on each page.
- **Strip Menu:** the strip menu at the top of each page is inherited from the layout page. It features actions to allow the user to navigate throughout the different pages as well as the license and terms and agreement
- **Terms and Agreement:** using the System.Diagnostics namespace, we were able to have the terms and agreement open up from inside of the project folder inside of the default text editor.
- **License:** using the System.IO namespace, we use file reading to read the license from the project folder.
- **Design:** the overall design of the page is another key feature, we have organized the page in such a way that it is extremely readable and easy to navigate.
- **Database:** this application features a database with a list of all of the items that we currently have in stock. This allows the user to view it in the DataGridView format inside of the allitems page.
- **Queries Searching:** allows the user to search the database for more accurate results to what they're looking for. The user has the option to search by name or description depending on what they're looking for.
- **Queries Sorting:** essential to allow the user to sort the database through the use of buttons.
- **Queries Budget/High End:** uses a carefully crafted subquery that finds the user the best build for their budget, whether it be a budget build or a higher end build, at TKN PC Parts we have it all.
- **Clock User Control:** displays the current time on all pages.

- **Cart:** allows the users to add items to their cart from the various pages and check them out at the cart page.
- **Checkout:** allows the users to checkout the items that they've purchased, which will write them a receipt to a file using the System.IO namespace.
- **Globalization:** allows for our application to support multiple languages and currency types.
- **User Manual Link:** allows users to access our user manual through our GitHub repo link using System.Diagnostics namespace.
- **Dark Mode:** allows user to toggle to dark mode or light mode on the strip menu throughout all pages using Visual Inheritance.

Graphical User Interface

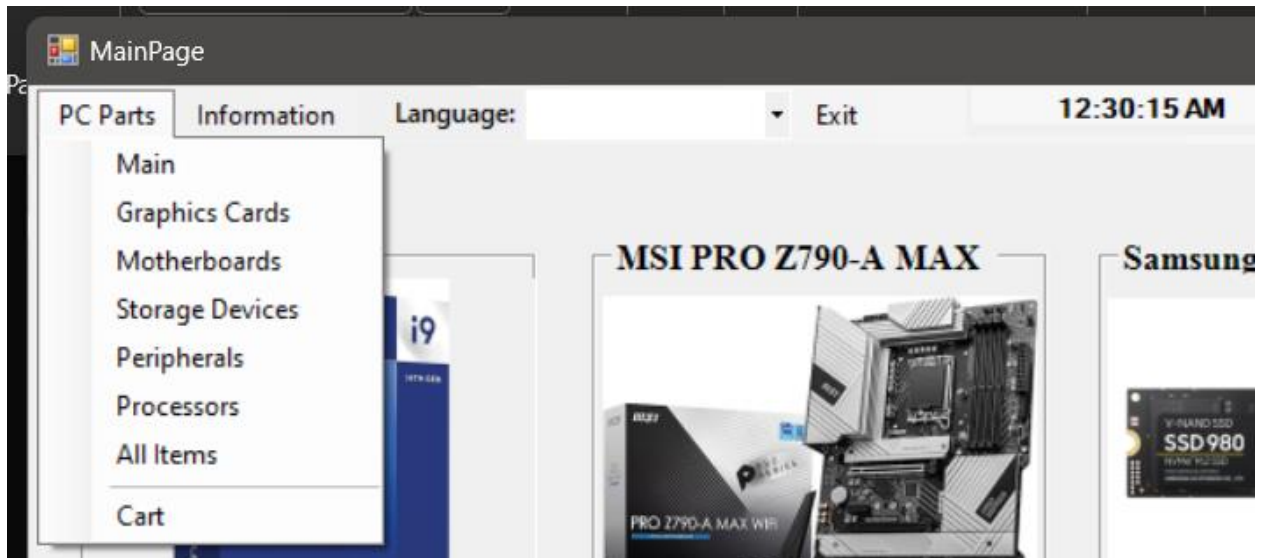


Includes a logo, a footer – copy right, navbar (strip menu), a clock, New and featured products section.

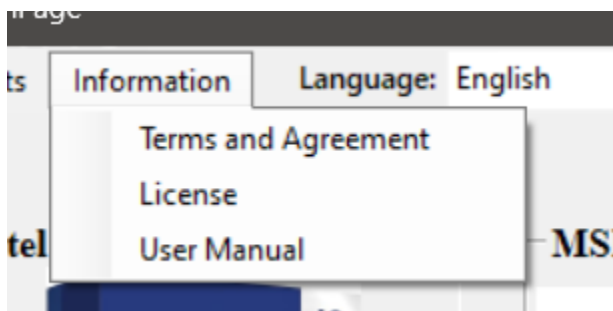
Basic User Interface

This application is programmed using C# in Visual Studio. The UI is visually inherited consistently across different pages. As the user interacts with various elements on the strip menu, the strip menu remains constant on every page, ensuring a uniform experience. Both the logo and the footer are also consistently displayed on all pages, contributing to a cohesive and professional appearance. This design enhances user navigation and maintains brand consistency throughout the application.

Application Features:



User can navigate to various pages to buy different Pc Part components, they can also access the cart to checkout and buy their items.



Users can access our terms and agreement, license.

License

Pièces d'Ordi

Information

Langue: ▾

Sortie

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License

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File Edit View

Terms and Conditions of Use for TKINPCParts

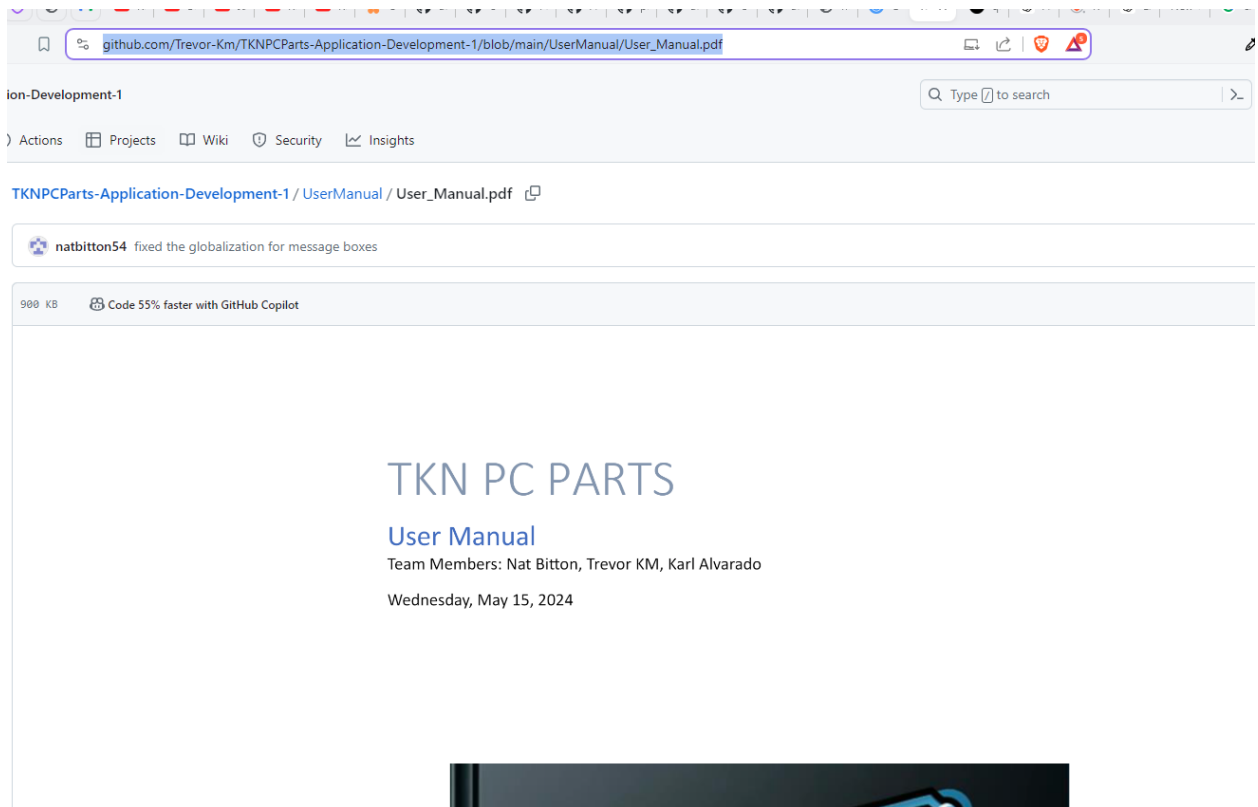
These Terms and Conditions ("Terms") govern your use of the [Your E-Store Name] website (the "Site") and your purchase of products from [Your E-Store Name] (the "Products"). By using the Site or purchasing Products from us, you agree to be bound by these Terms. Please read them carefully.

1. Acceptance of Terms

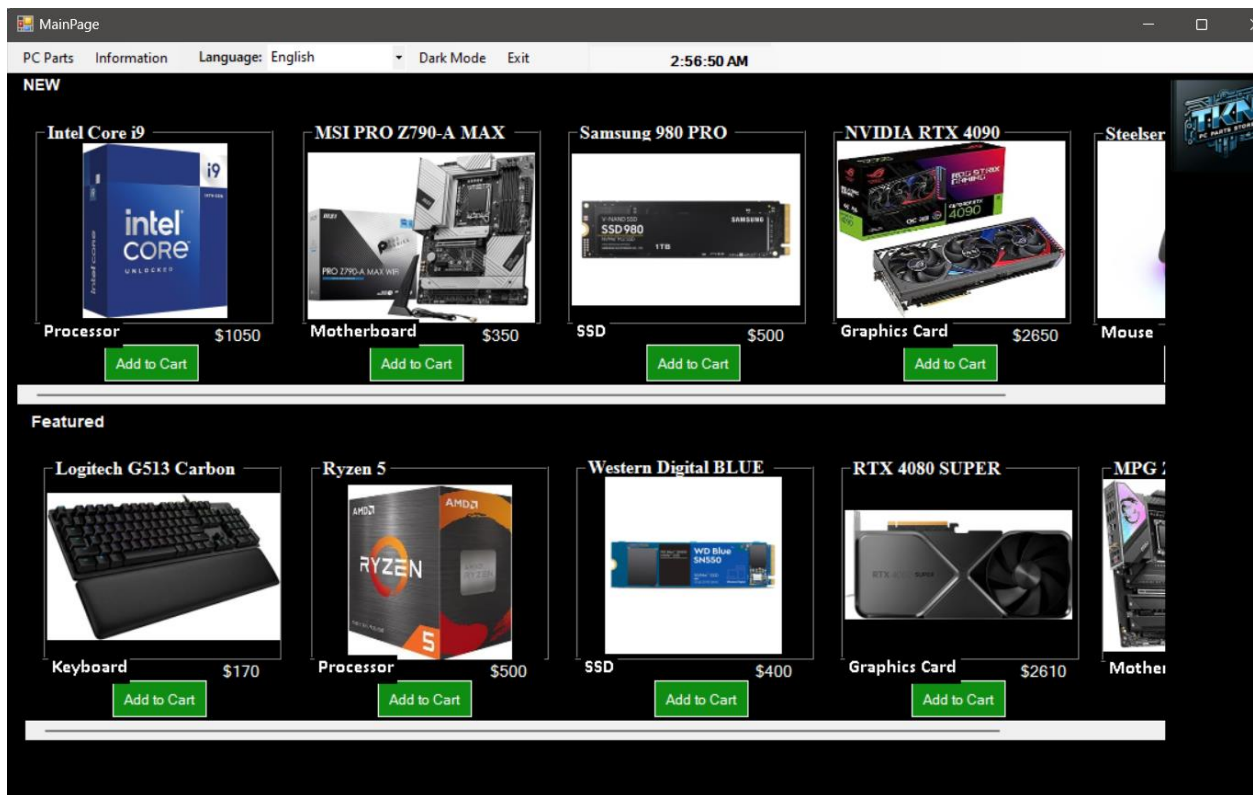
By using the Site or purchasing Products, you affirm that you are of legal age to enter into this agreement and that you have read, understood, and agree to be bound by these Terms.

2. Product Information

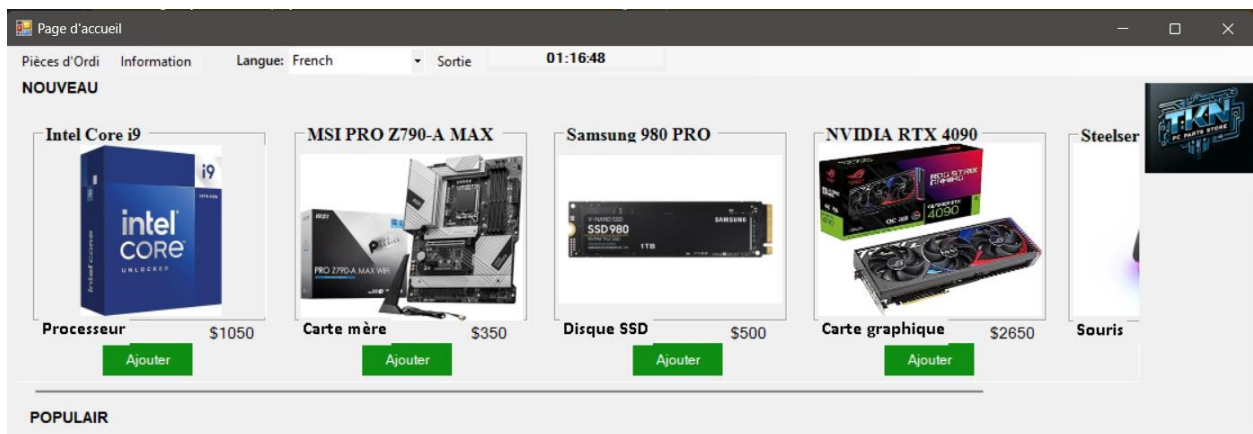
We strive to provide accurate and up-to-date information about our Products, including descriptions, specifications, pricing, and availability. However, we do not warrant that such information is error-free, complete, or current. We reserve the right to correct any errors, inaccuracies, or omissions and to change or update information at any time without prior notice.



License, terms and agreement and user manual pages shown above using System.io Interface and System. Diagnostic namespace.



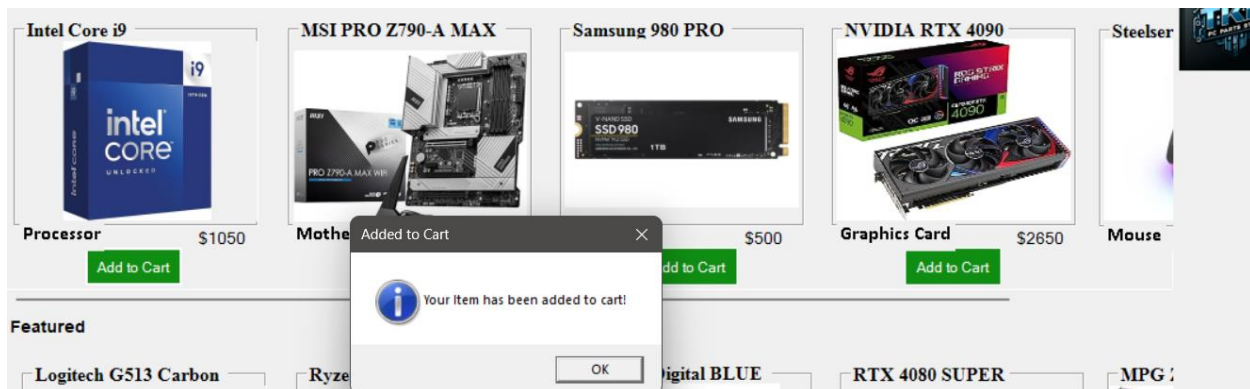
Users can select dark mode for night time visibility.



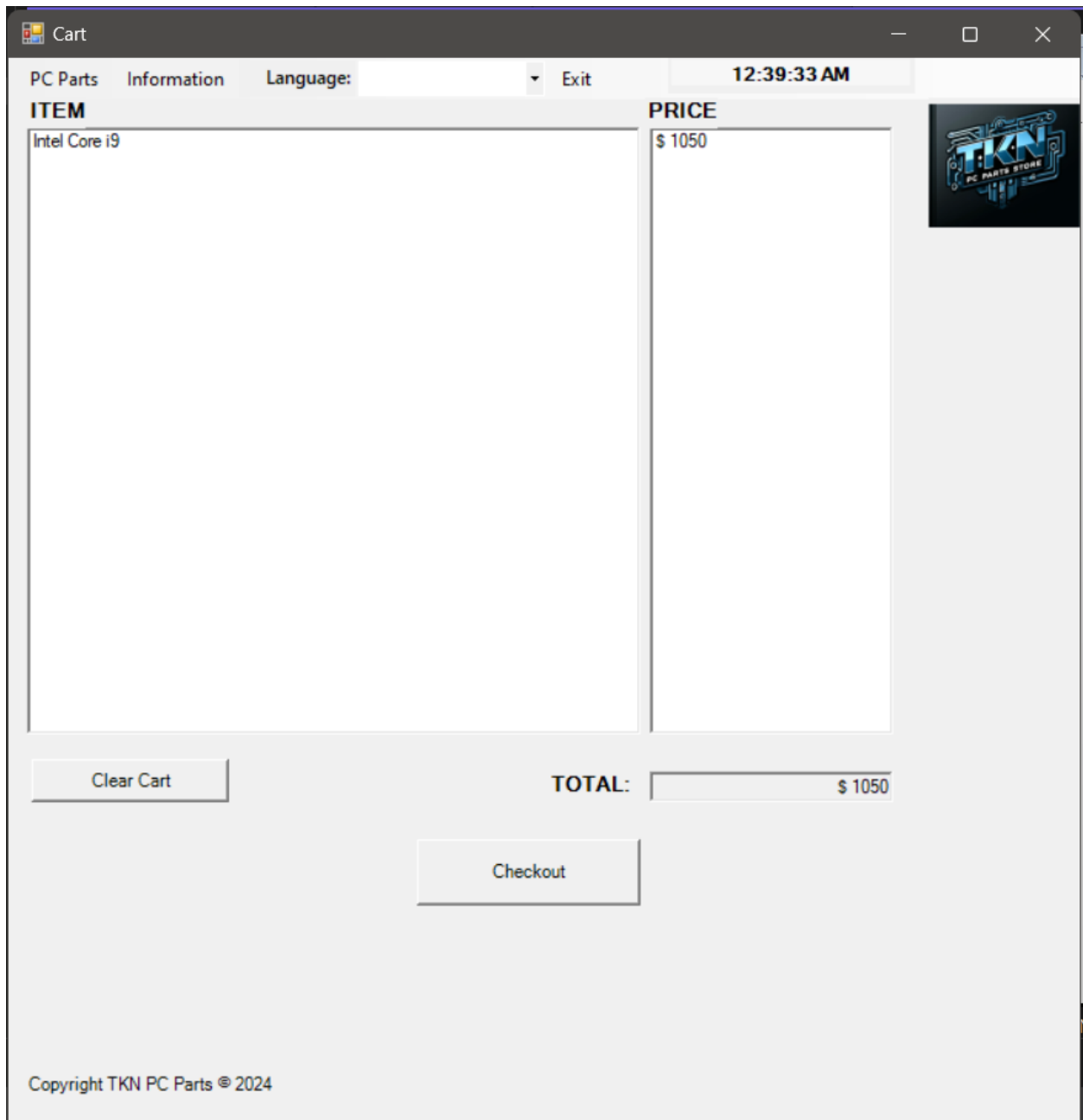
Users can also select different languages and can click exit if they want to exit the application.



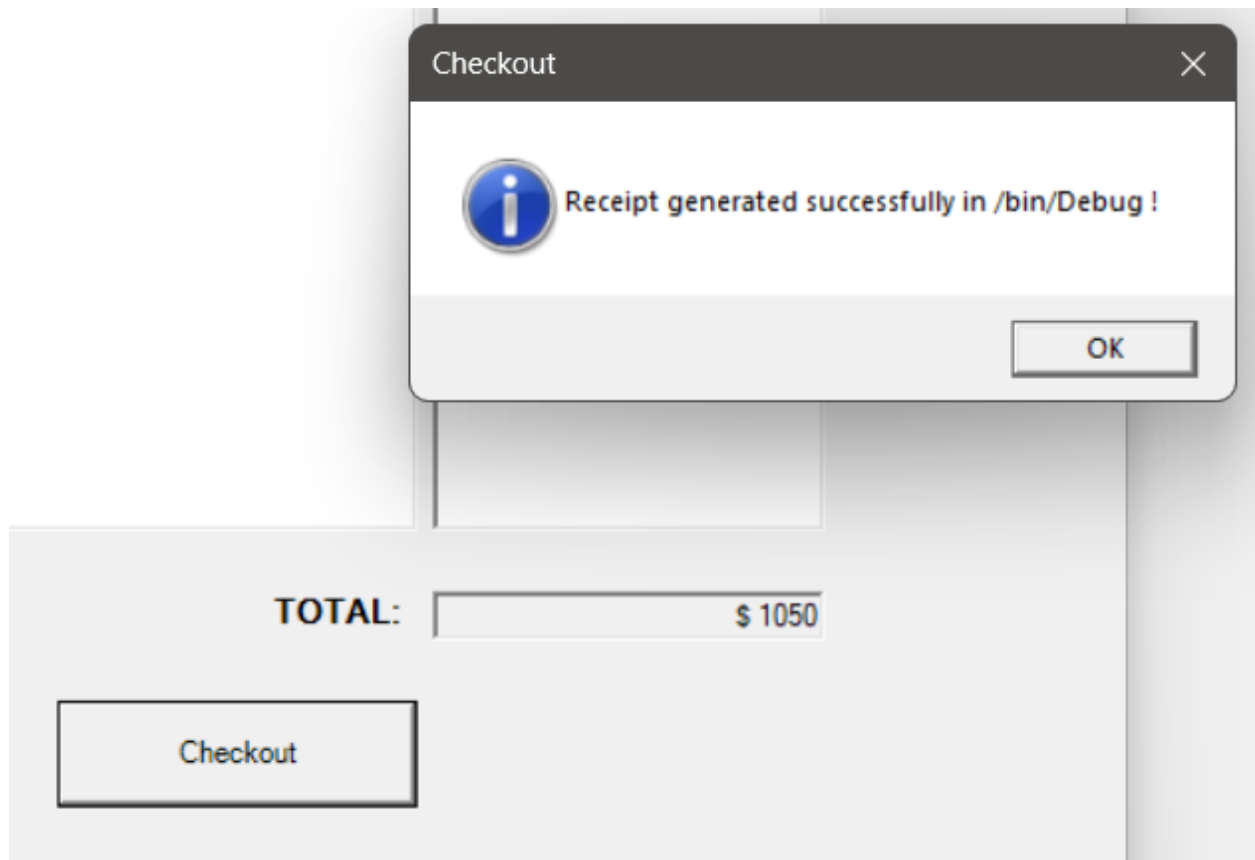
Users who select different languages also updates the currency for that country currency. As shown above.



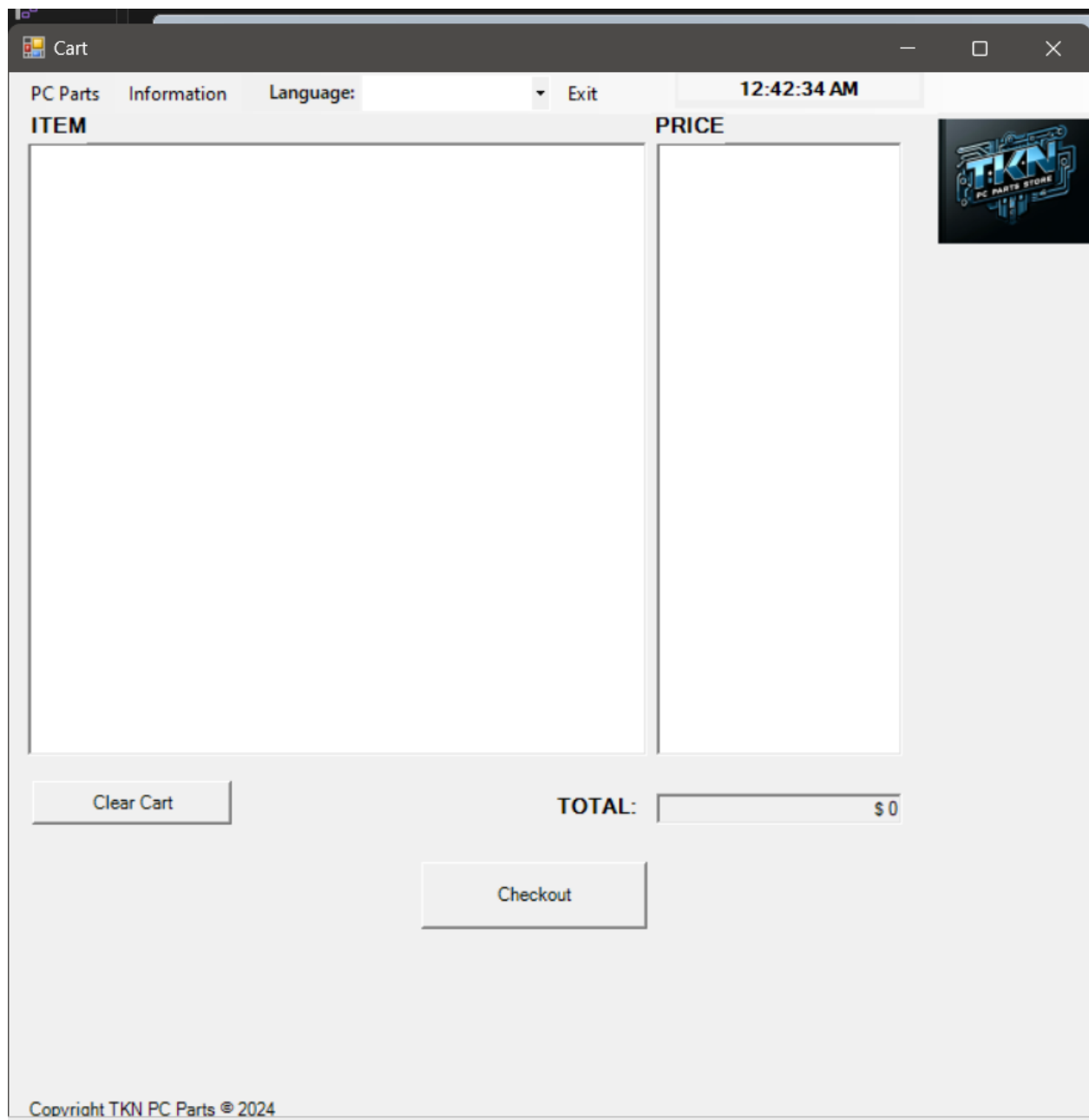
Users can also add items to the cart and once they have added an item they will receive a message box saying item added to cart



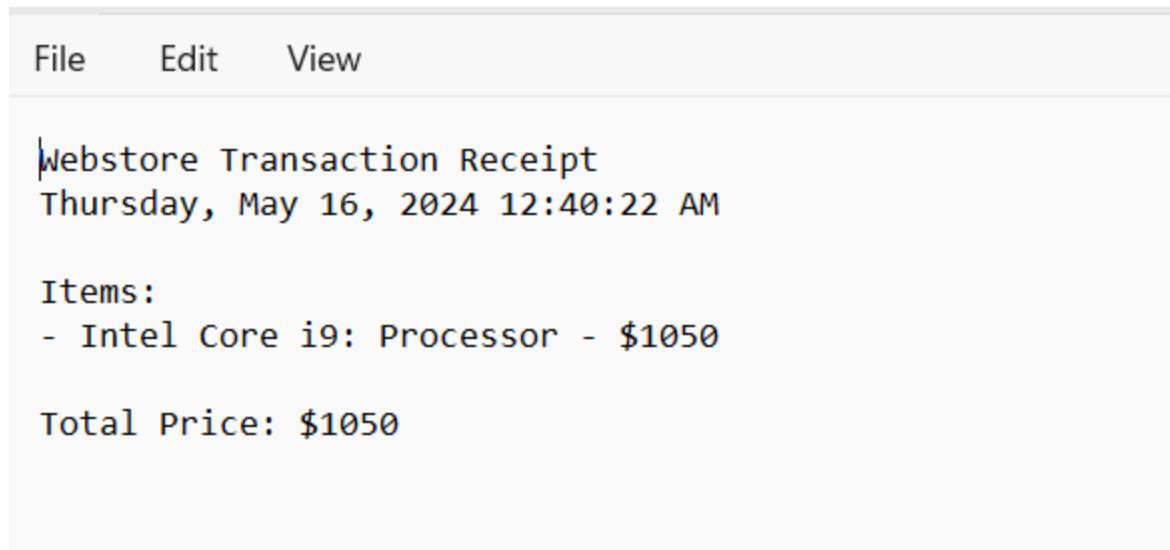
Users can also view the cart to checkout their checked items and a total display the total price.



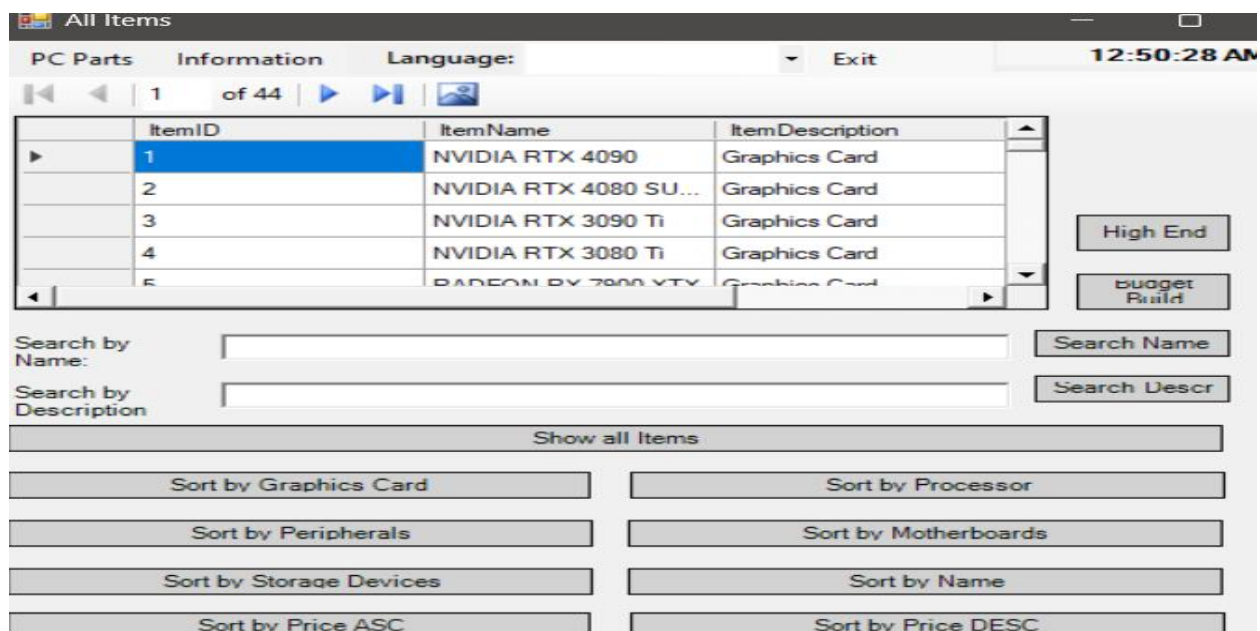
Once a user clicks the checkout button the receipt will be added to the `/bin/debug` directory, it shows the pop up in a message box as shown above.



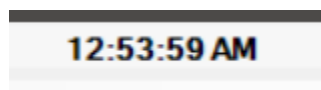
Once the user has already checked out their items from the cart, the cart will be empty on checkout and users can also clear the cart using the clear cart button if they want to select a better build as show above.



The users can view the receipt from the /bin/debug directory.



Users can also access the database to view the best build, budget build, they can also search items by name and description. They can also sort by different computer components and sort by price ascending and descending order.



A user control clock that provides the current time for users across all pages in our application.