

Team Six:

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Goblin' Ghouls and Ghosts!

September 12, 2021

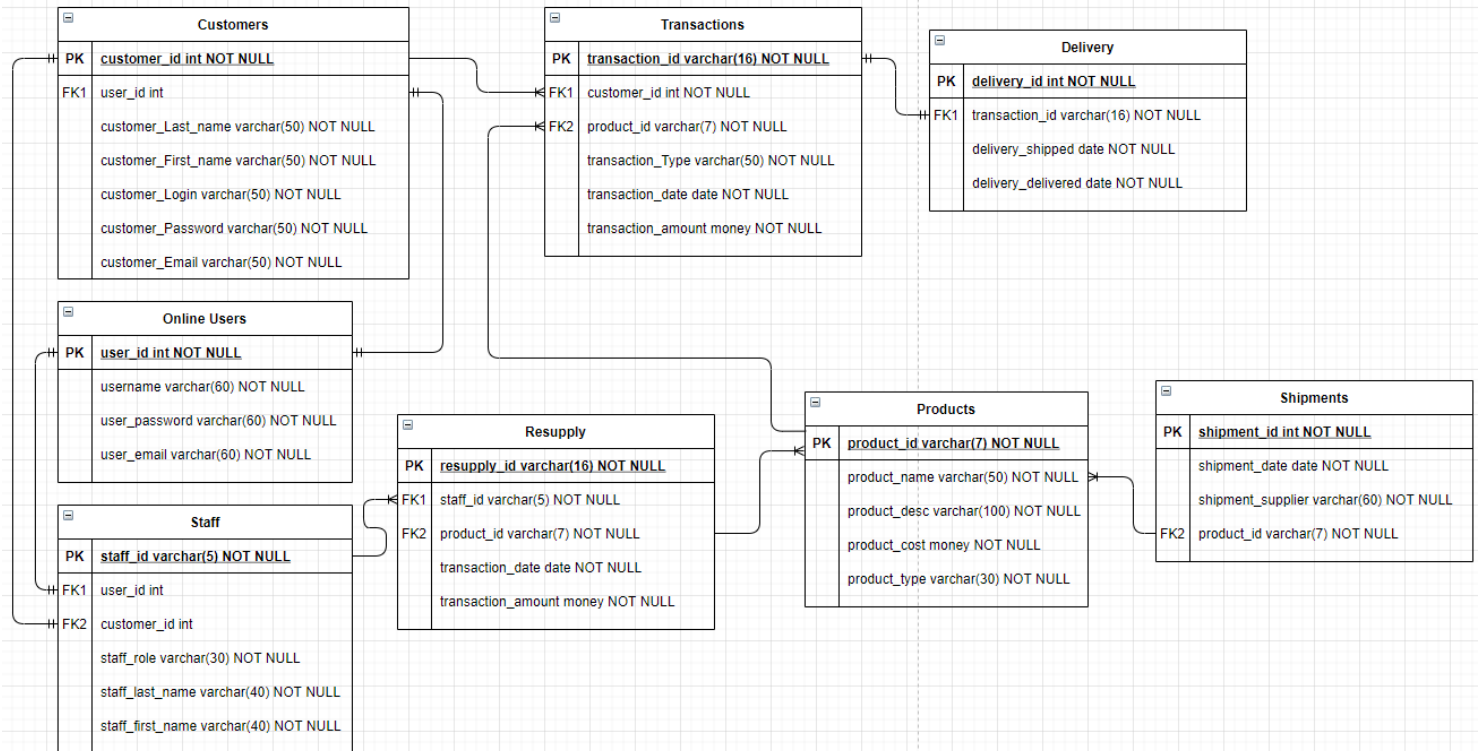
Overview

The team will create a project themed after a Ghost Restaurant using the Visual Studio IDE. In addition, the team will collaborate to create the code, SQL database, forms, and assets to make the project up to the standards of TSTC and the course syllabus.

Functionality of the Program

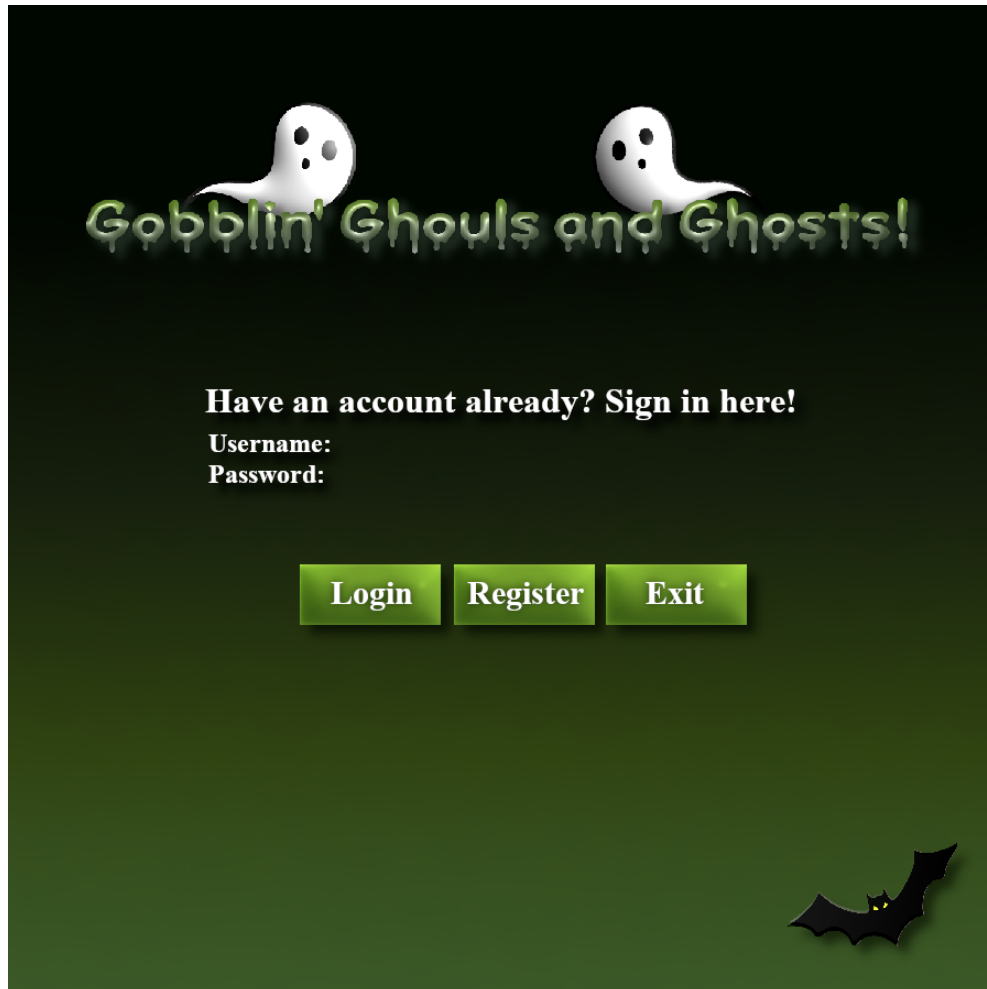
The final product that will be produced throughout the semester is a fully functional program that simulates a real world service a company would need to manage their store and/or company. The service will include features for the staff of the store as well as the customers to make purchases. Customers can navigate about the program using the user-friendly GUIs and sign up with the service and place orders as they choose once they have done so. If the user isn't registered, they can only browse. In addition, staff members who have administrative permissions will have access to a different part of the program for managing the store as well as providing service to customers. Finally, this program will be fully polished with themed assets to give the program a professional look, and the user will be able to reuse the service and get a great experience from it.

Database Table ERD



GUI Mockups - Login Screen

Purpose: Allows the user to login or create an account with our service and unlock benefits!



GUI Mockups - Main Menu

Purpose: Allows the user to navigate about the program using the menu control at the top. The user can log out from this screen, make an order, view the program's about page for help and information, and, if the user is an administrator, access the tables of the database.



GUI Mockups - Cart Page

Purpose: The page makes use of a dataGridView to display the items the user can purchase.

Images will be in the database and the user can add items to the cart as they wish.



The mockup shows a web application interface for a cart page. It is divided into two main vertical panels. The left panel, titled 'Menu Items', contains a data grid with 10 empty rows for displaying items. At the bottom right of this panel is an 'Add to Cart' button. The right panel is divided into two sections. The top section, titled 'Settings', is mostly empty except for a small orange pumpkin icon in the bottom right corner. The bottom section, titled 'Your Cart', displays the current cart status: 'Total Items: 0' and 'Order Summary: \$0.00'. Below this summary are three buttons: 'Remove', 'Checkout', and 'Cancel'.

Menu Items	

Add to Cart

Settings

Your Cart

Total Items: 0
Order Summary: \$0.00

Remove Checkout Cancel

Milestones / Timeline

1. September 14th

The revised design document will be submitted and a link to the GitHub repository has been submitted. Work on the skeleton project is underway with each team member being responsible for creating forms as discussed in an already held Google Meet.

2. September 21st

The skeleton of the project is completed and merged into the first version of the master project. In addition, the team will have SQL statements prepared to begin the process of making the program function on a basic level. The functions that will be applied until the next milestone is connecting the forms and adding functionality to signing up, logging in, viewing the information in the database, and making purchases.

3. November 5th (Reports made on October 8th, 9th and November 5th)

The practical code has been well implemented and the program functions at a basic level. The team will work to add more advanced features such as sending confirmation emails to a user, images in the database, and dynamic data in the database that reflects the actions of the users. In addition, the look of the program will be made stylized to match our Ghost Restaurant theme.

4. November 19th (Report made on this day)

Alpha Build Stage - The team has implemented the advanced features and tested them thoroughly, at this point in time, the project is nearing completion and the team will focus on ironing out errors.

5. December 3rd

At this point in time the project is complete, and the team has made sure there will be no errors and all contingencies will have measures against them.

6. December 8th @ 5:00PM

CODE: Project Complete - The team has submitted a video presentation with all members contributing to it, and the project has been through the package and deploy stage. The source code has also been commented thoroughly and submitted along with the video presentation.