

AS Capstone Project Proposal

Winter 2022

Project Name: TigerEats.com

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Project Description

We are proposing a full-stack website where the NEIT dining center can put the menu on the application and will have the ability to change it at any point. The menu and the ordering system is going to be supported by a SQL backend. The school will operate under an “admin” account that has privileges to update the menu, all other users only have ordering privileges. User accounts can be made for free through a DB-driven login system. The application will also update the user on order status through text and or email, depending on the infrastructure required to use the notification system.

Functionality

- Secure DB-driven login with SHA-2 encryption
- Signup/Signin page
- Fully functional backend for storing orders
- Form for adding orders
- Menu page
- Welcome page that has daily specials
- Notification system (text or email)
- Payment management system (PayPal)
- Backend system for managing menus and orders (admin)

Development Platform

The website will be made in PHP, MySQL, and we will utilize the PayPal REST API to handle transaction purchases. It will initially be hosted locally during development and will migrate to Heroku on deployment.