Streamline Dining

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What is Streamline Dining?

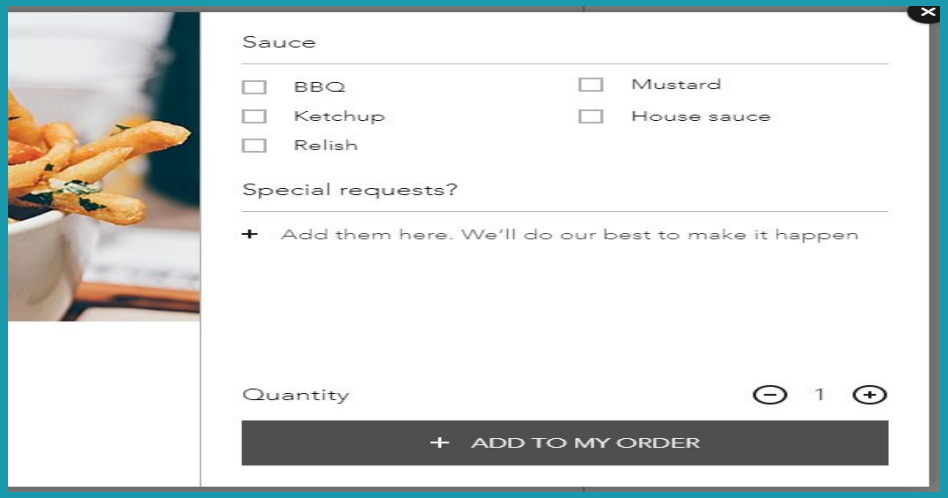
The advancement in technology in the past couple of decades has completely revolutionized the way in which we conduct our daily lives. We believe a restaurant is a very complex and interconnected operation that can benefit greatly from streamlined processes and coordination on a synchronized platform. Streamline Dining will provide a mutual web based platform, designed for both customers and staff, that will manage, coordinate, and provide all functionalities necessary for a restaurant to perform as efficiently as possible.

Features

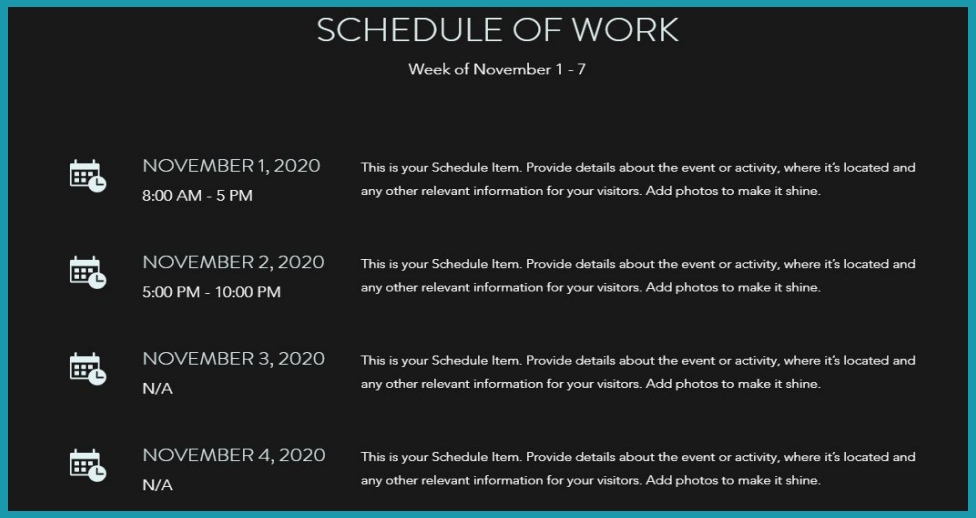
- Seamless Touch Automation
- Virtual Ordering
- Virtual Billing and Pay Systems
- Inventory Tracker
- Attendance System
- Feedback System
- Floor Plan
- Schedule
- Supplier System
- Budget System
- Real Time Seating Chart
- Dine In Ordering System
- Billing management system
- Menu system
- Reservation system
- Reward System
- Data Analysis
- Kitchen system
- Customer Registration System
- Archive System

User Interface

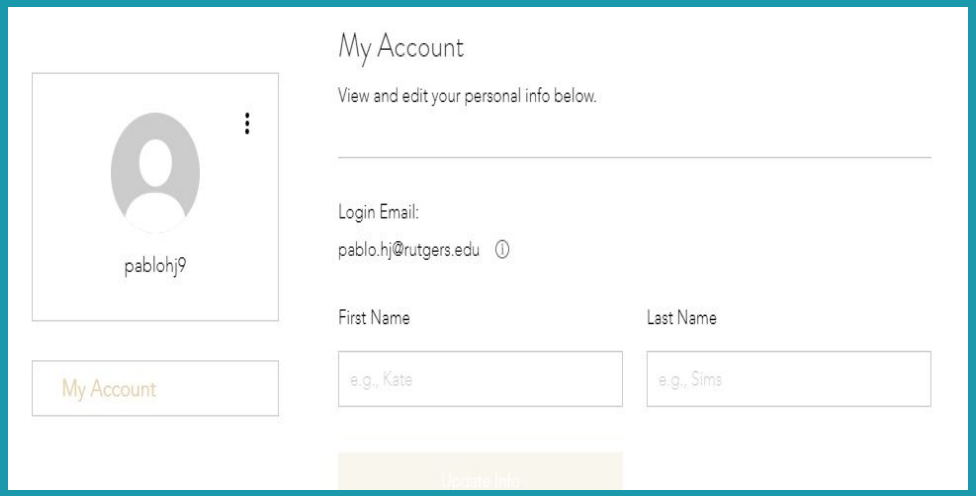
- **Customers Orders**
  - Customers will have options to customize their meals, and also write special requests.



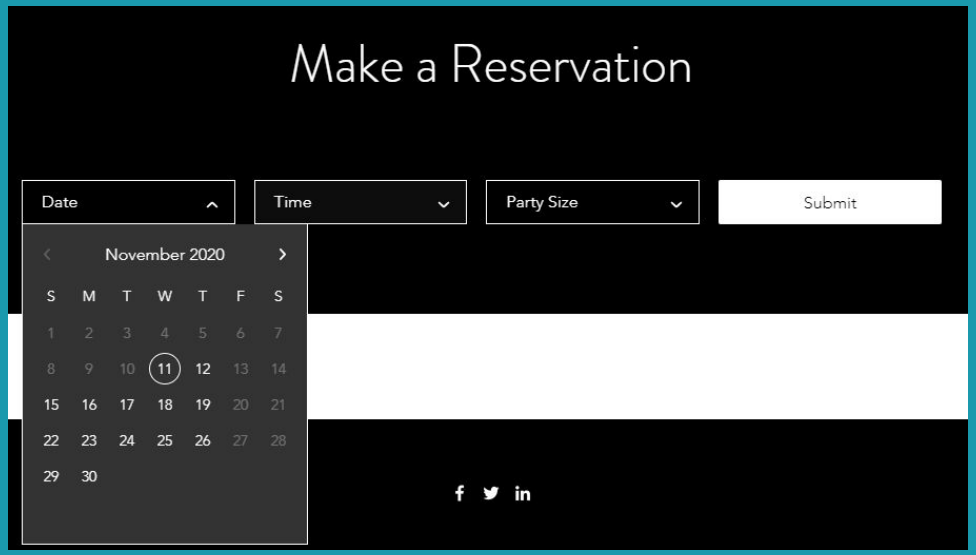
- **Employees**
  - Employees will have a schedule that displays the days and hours that they will work.



- Account Login
  - Account Login is where employees and customers will be able to create or login to their accounts.



- Reservations
  - Customers will have access to making reservations by picking on the date, time, and party size.



System Requirements

Our application is designed to run on multiple devices such as smartphones and tablets. The interfaces of these devices vary from mouse and keyboard to touch input. In order to achieve connectivity between these devices we will have to utilize mobile and WiFi networks. All devices will have communication with servers using the Client-Server model so in addition to the devices we want to run the application on, we will have servers that help to update and relay this information to all necessary parties. Our application will be able to scale to native resolutions of different devices. The minimum resolution will be 640x480 pixels. The required bandwidth to properly use the application will be 56kbps. In order to confirm the employee locations, there must be GPS access for employee devices. A user will also need to be using a compatible web browser.