Voiceless System

iFideliity

Problem Statement

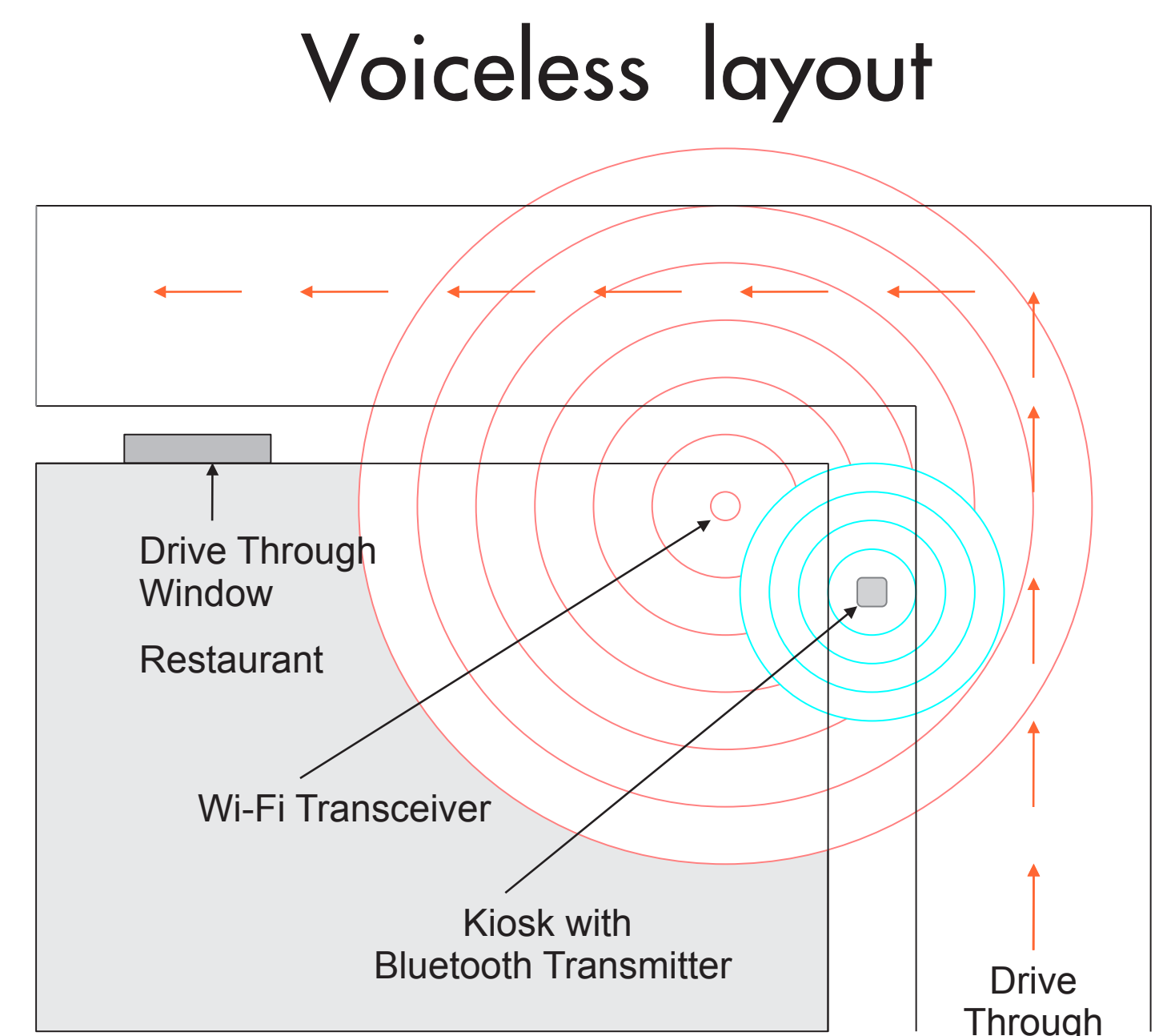An ordering system that depends on an audio system increases variability and the incidence of human error.

Methodology

By utilizing an iPad we succesfully reduced order error by avoiding use of audio systems entirely.

With our system we allow the customer to not only prepare orders ahead of time but visually inspect their orders to verify their correctness.
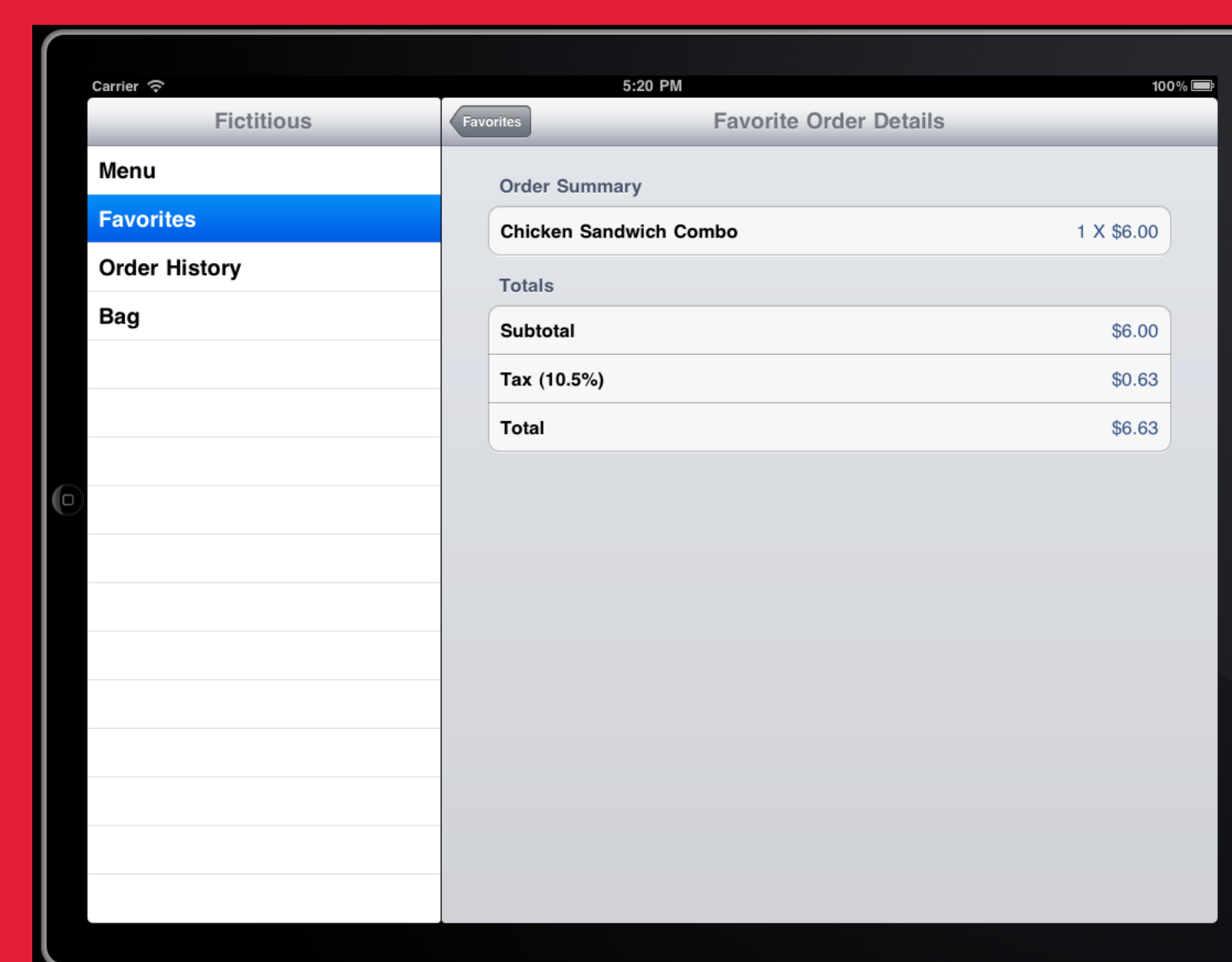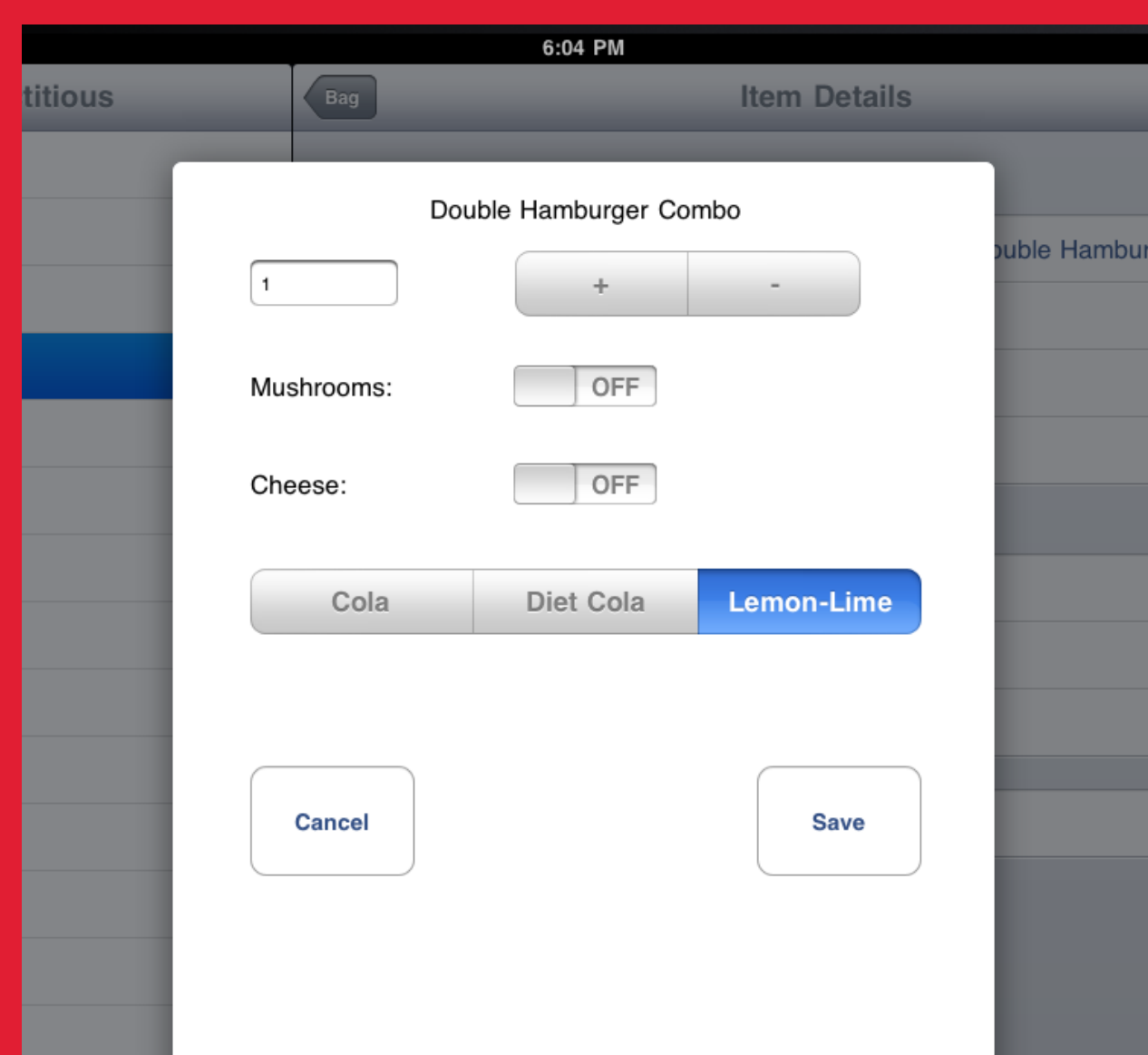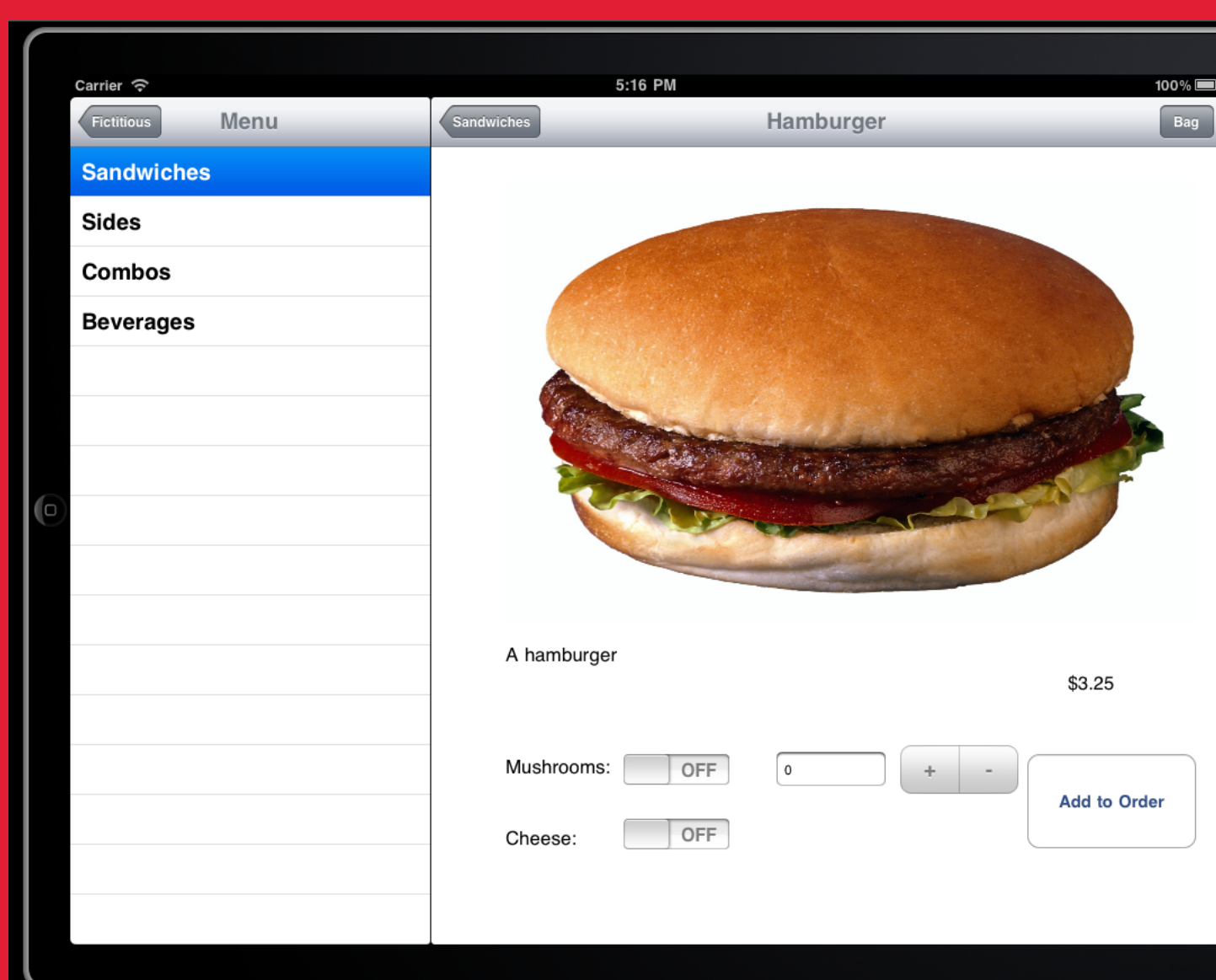
Bluetooth sensors ensure that orders can only be placed when the customer is adjacent to the ordering kiosk. This avoids the logistical problem of allowing orders to be submitted from any location.

Our system leverages Amazon Web Services infrastructure to provide low cost hosting and a high degree of scalability and availability.

Voiceless layout

Drive Through Window

Restaurant

Wi-Fi Transceiver

Kiosk with Bluetooth Transmitter

Drive Through

Results

Below are three screenshots of our applications user interface

Conclusion

Customers can verify order quantities at a glance and can do so before arriving at the establishment.

Instant order submission.