NANYANG TECHNOLOGICAL UNIVERSITY SINGAPORE

School of Computer Science and Engineering
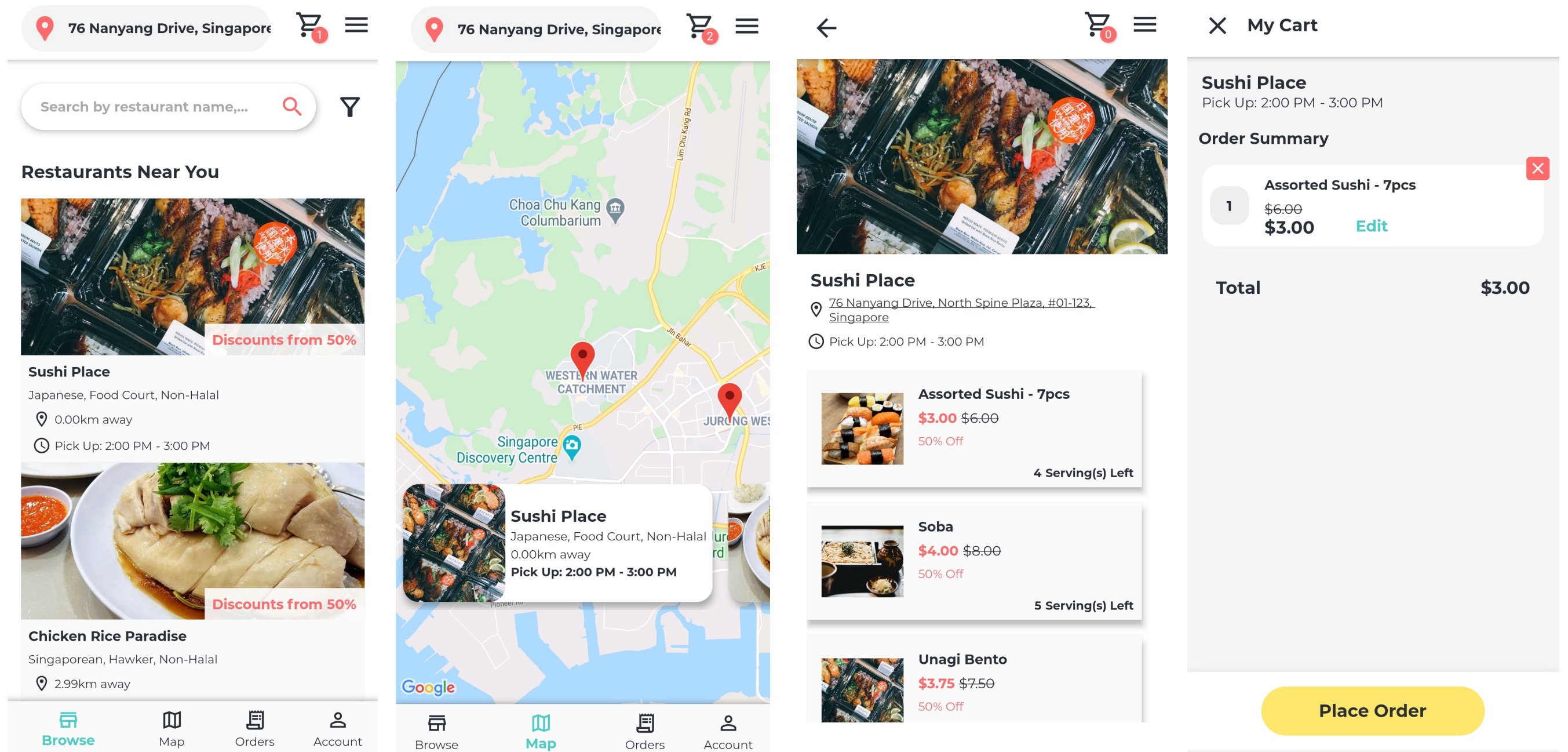
College of Engineering

Foodscover Mobile Application

Eliminating retail food waste in Singapore

Student: Wong Wan Ting   Supervisor: Dr Owen Noel Newton Fernando

Project Objectives:

The aim of this project is to create an application which serves as a platform for food retailers to sell fresh unsold or excess food to users of the application at discounted rates with the intention to reduce food waste in the retail sector. The mobile application would allow users to browse and purchase reduced price food items to minimise and reduce the amount of leftover food produced by the retail sector.

Functionalities:

1. Post food items at discounted price
2. Alert users of discounted food items near them
3. Display all available restaurants
4. Add food item to cart
5. Place an order
6. Display orders
7. Track their impact

foodscover