**Mobile App Development Assignment 2 proposal**

Project title: TUS Canteen Service

Name: Daniel Jong Tze Yung

K Number: K00244549

**Short description**

TUS canteen app, which allows users to look at the menu for the week and make an online order for takeaway.

**Full description**

This mobile application will focus on Android users because they are the majority of mobile phone users. This application is designed specifically for all TUS Midwest students and staff.

This app is mainly focused on providing staff and students with TUS canteen services. The canteen is always packed with people, and there is always a long queue going on during the lunch period. People who are urgent might not have enough time to queue up to grab some hot food. Some people might not necessarily want to eat in the canteen, so having a takeaway service for the canteen might help to solve this issue.

Users should be able to view the menu of food that the canteen provides for the week. The application should also allow users to order food and complete the payment online as well. The app should push notifications to users if there are special offers or if the canteen is closed for the day.

Optional additional features

* Having a geo-fencing feature which would push notifications for the meal of the day if users come near the canteen.
* Having an announcement board which would let people know if the canteen is closing.
* Having a GPS-aware feature to lead unfamiliar visitors to the canteen.
* Allow users to view order historyg
* The invoice of the order should provide a QR code or a bar code to help the canteen staff verify the order.