Fruit Ordering System

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Product Background

- Fruity Healthy application is planning to cooperate with some of the farmers and vendors to help them to promote their fruits through online market.
- In this new era, people ask for fast service. They only choose for simple and the fastest way as they do not want to queue and wait for it.
- Therefore, Fruity Healthy is very convenience as they just need to use their devices and make their orders.
- They can either choose to buy in quantity or box.

Objectives

- To study the market situation for fruit and existing ordering application for food.
- To design and develop a mobile application for fruit ordering to users.
- To evaluate the efficiency of the performance on developed fruit ordering application with the existing application.

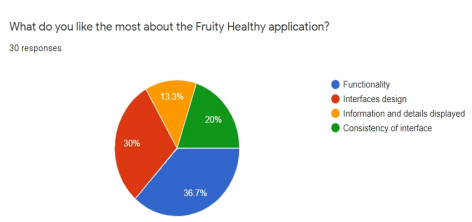
Novelty

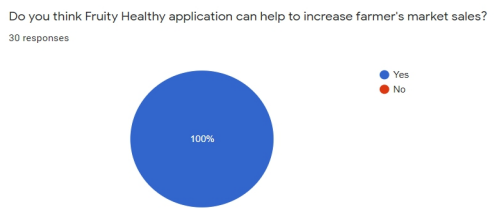
- To develop a fruit application for farmers and buyers in order to increase fruit market sales and make it more convenient to both users.
- Implement a fruit ordering application that so far not existing in Malaysia.

Usefulness

- Famers able to boost up their fruits market by using Fruity Healthy.
- Users able to purchase fruits through online application anytime, anywhere without going out to the market.

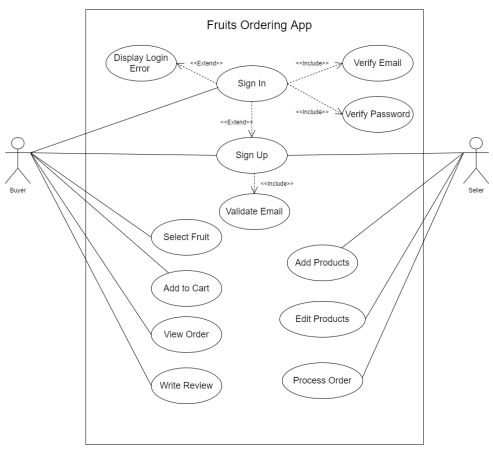
Satisfaction of Fruity Healthy



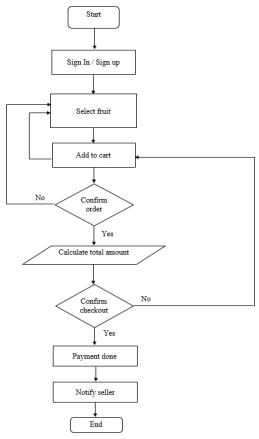


State of Methods

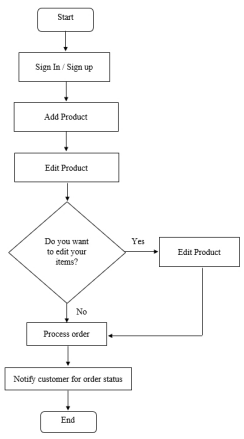
Use Case Diagram of Fruity Healthy



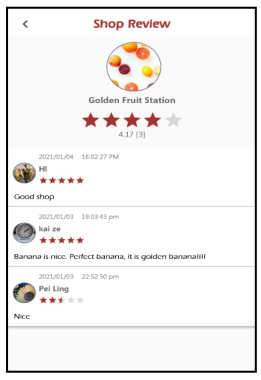
Flowchart of Fruity Healthy for Buyer

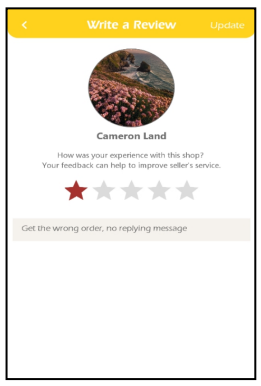


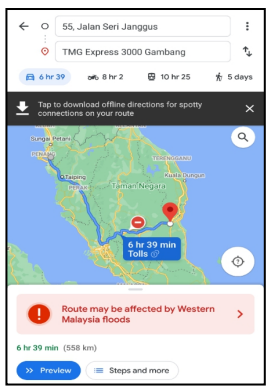
Flowchart of Fruity Healthy for Seller

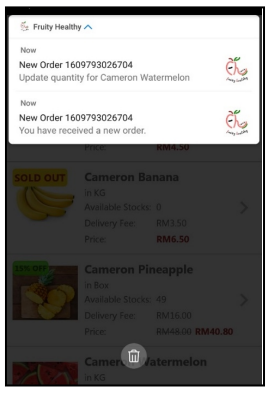


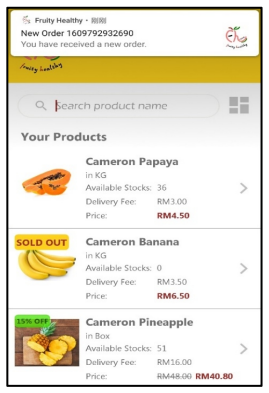
Product Image and Results

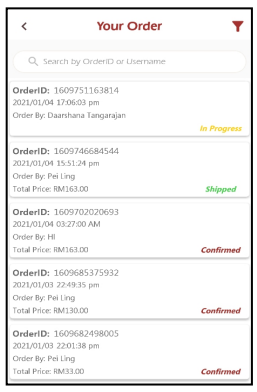












Achievement

- **FYPRO-COM CARNIVAL 2021 at Faculty of Computing (FK), UMP – Gold Medal**

Publication

- Bakar, S.A., Hitam, M.S. and Yussof, W.N.J.H.W, 2017, **Improved Global and Local Curvature Properties for Shape Corner Detection,** Journal of Applied Sciences, pp. 458-566.A
- Bakar, S.A., Hitam, M.S. and Yussof, W.N.J.H.W, 2019, **Comparative Analysis of the Zernike Moments for Single Object Retrieval**, Baghdad Science Journal 2019, Volume 16, Issue 2 Special Issue (ICOCI2019), pp. 504-514
- Bakar, S.A., Hitam, M.S., Yussof, W.N.J.H.W and Junaida Sulaiman, 2020, **Enhanced Global and Local Curvature Properties for Corner Detection**, IOP Conference Series: Materials Science and Engineering, Volume 769
- Bakar, S.A., Hitam, M.S., Yussof, W.N.J.H.W and Mukta, M.Y, 2020, **Shape Corner Detection through Enhanced Curvature Properties**