

**Terbal**

**Project Report**

**13016214 Software Engineering Principle**

**Software Engineering Program**

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**Project Description**

Nowadays, health is the number one priority on people list. Therefore, we came up with an idea to make Terbal which is a delivery app that offer traditional Thai herbal and other supplement to people. This allows people to order their supplement without having to wait and buy it from a department store.

Terbal will have many products or store the customers can choose. If the customers find the product they want, they will be taken to the checkout page where they can select what type of payment they want to choose and get their products right away.

**Software Requirement**

**User Requirement**

**Functional**

* The system shall allow user to create/sign up accounts.
* The system must provide accurate price for each product.
* The system must keep track of the product user is ordering.
* The system must have a history of the product users have ordered.
* The system must provide a search bar for user for easy access.
* The system must provide the ability for user to cancel their order.
* The system must provide the ability for user to checkout their products.
* The system must provide accurate calculation of the total price on checkout page.
* The system must provide a payment method page for user to select types of payment.
* The system shall provide a note function for user to additional information can be delivered to the seller.

**Non-functional**

* The system shall be developed in Python Language.
* The system shall have English Interface.
* The system shall process the search function within 5 second.
* The system shall update order history in user's account every time when they make an order.
* The system shall check does the password when user register met the requirement. (ex. At least 6 letters.)

- The system shall load the main page within 5 second.

* The system shall be able to checkout within 3 steps.
* The system can check out a maximum of 30 products per order.
* The system will rearrange products depending on their category.
* The system shall update user setting within 5 second.