Mobile / Tablet computer POS System

Iteration Plan **for EL2**

**1.Milestones**

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| --- | --- |
| **Milestone** | **Description, Criteria, and Work Products** |
| Complete develop the Process Sale System and Report | - Add product via scan barcode  - Clear/ Remove sale lineitem  - Make a sale  - Add Lineitem via barcode scanning  - Show sale report  - Show sale profit graph |

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# **2.Iteration Objectives**

# Selected Used case for this iteration :

UC8 : Scan Barcode

UC9 : Calculate Subtotal price

UC10 : Calculate Total price(Already include tax)

UC11 : Change price of product

UC12 : Add SaleLineItem

UC13 : Remove SaleLineItem

UC14 : Clear SaleLineItem

UC15 : Update Stock after making sale

UC16 : Show graph of profit

UC17 : Show receipt of SaleLedger

UC18 : Choose date to see report in that day

**3.Tasks**

Design classes component for iteration. First will base on UC8 - UC14. After finish created process sale , Implement Report system base on UC15 - UC 17.

**Task Table**

|  |  |
| --- | --- |
| **Task** | **Assigned to** |
| Design of process sale component classes  (UC8 - UC14) | Suwijak Chaipipat  Eknarin Thirayothin |
| Review of Process Sale component classes | UnDone Team |
| Implement UC8 - UC15 | UnDone Team |
| Update design of report classes (UC16 - UC 18) | UnDone Team |
| Implement UC16 - UC 18 | UnDone Team |
| Review of Report system component classes | UnDone Team |

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# **4.Issues**

- First time of using drawable class in android to draw a graph of item.

- First time to apply scanning barcode into application.

**5.Evaluation Criteria**

* Application can add product to sale by scanning barcode
* Application can calculate Subtotal price
* Application can calculate total price(Already include tax)
* Application can add SaleLineItem
* Application can remove SaleLineItem
* Application can clear SaleLineItem
* Application can update Stock after making sale
* Application can show graph of profit
* Application can show receipt of SaleLedger
* Application can change price of product
* Application can chose date to see report in that day

# **6.System Tests**

The test that the process sale should have. They are cleared/ removed sale lineitem, making sale,and add line items by scanning barcode.We test this system by adding just few line items in sale and then clear some line items out and add another line items by barcode scanner.

In report when user select report then select date/ month/ year to see sale report. If user select on show graph, the system will show graph of profit.