

# User Guide

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## 1 Introduction

Since the evolution of the internet and the creation of smart phones, mobile applications have become increasingly necessary to facilitate us in our daily lives. In banking issues this facility is not alien, since the way to transfer money has changed radically. One of the applications that most sound and have changed the way we do transactions is Yape, this is an application for smartphones launched by the BCP that facilitates the transfer of money. In the course of Software Engineering a professional environment has been recreated with real clients, in this case Yape is the client to whom we have to advise so that the number of users that he has increases rapidly, for which he will have to present an idea for then validate it and, followed by the metrics taught in the course, implement them. In the present report, Yacket will be presented which will add the feature of issuing an electronic invoice to the Yape application, in this way we intend to increase the amount of Yaperos. For this, two potential clients have been defined. The first one is the yape user that usually goes to mypes and SMEs. The second is a possible owner and owner of the mypes and SMEs. Both like technology and constantly seek new ways to digitize the entire sales process, taking advantage of these tools that speed up, ensure and facilitate buying and selling. The purpose of this project will be to implement the functionality of tickets and invoices through Yape.

## 2 Requeriments

### 2.1 User Stories

- As a business owner, I can organize all the tickets so that makes easier the procedures with SUNAT
- As a client, I can pay without cash so I won't receive fake money.

- As a cashier, I can generate electronic tickets/invoices, so I don't have to fill them manually.
- As a cashier, I can receive payments from more than one business, so I don't have to use different smartphones.

### 3 Use cases

1. As a cashier, I can receive payments from more than one business, so I don't have to use different smartphones.
  - **Software System :** Yape
  - **Actor:** Cashier
  - **Use Case :** UC01 Add business info
    - (a) Cashier selects Menu.
    - (b) Cashier selects invoicing.
    - (c) Cashier selects the '+' symbol.
    - (d) Cashier fills the required info about the business.
    - (e) Cashier selects save.
 Use Case ends.
2. As a cashier, I can generate electronic tickets/invoices, so I don't have to fill them manually.
  - **Software System :** Yape
  - **Actor:** Cashier
  - **Use Case :** UC02 Generate QR for ticket
  - **Preconditions:** UC01
    - (a) Cashier selects to receive payment.
    - (b) Cashier selects Business.
    - (c) Cashier selects the ticket option.
    - (d) Cashier fills the items and amounts correspondent.
    - (e) Cashier select save and receive payment.
    - (f) Yape displays the generated QR
 Use Case ends.
3. As a client, I can pay without cash so I won't receive fake money.
  - **Software System :** Yape
  - **Actor:** Consumer
  - **Use Case :** UC03 Pay scanning QR
  - **Preconditions:** UC02

- (a) Consumer logs into Yape.
  - (b) Consumer selects pay with QR code.
  - (c) Consumer scan the QR generated by the cashier in UC02.
  - (d) Consumer confirms the payment.
- Use Case ends.
4. As a Consumer/Business owner I can organize my tickets/invoices.
- **Software System :** Yape
  - **Actor:** Consumer, Business owner
  - **Use Case :** Receive ticket/invoice via email
  - **Preconditions :** UC03
- (a) Yape sends the ticket/invoice to the registered mails of both, consumer and business owner. Use Case ends.

## 4 Non-functional requirements

1. Persist the procedure with SUNAT.
2. Good internet connection.

## 5 Glossary

- MYPE/PYME: Micro and Small sized enterprises.
- Micro sized enterprise: Conformed by less than 10 employees.
- Small sized enterprise: Conformed by less than 20 employeess.
- Consumer: The person who purchase a product.
- MYPE/PYME owner: The person who owns/manages a MYPE/PYME.
- Ticket/invoice: Payment vouchers.
- SUNAT: Entity that collects taxes.

## 6 Product survey

A product very similar to YAPE exists on Interbank. This product is called TUNKI and so as YAPE also allows you to make payments using only a phone number. Both have the same functions of making payments and collections from the same application to your contacts or scanning a QR code. In the case of companies, they can also make payments to these through the scanner a QR code. Although both applications have the same functionalities, YAPE for its benefit is more recognized in the market and has had a better diffusion. However, none of the applications has anything similar to YACKET and include as part of YAPE could give a clear added value for this innovative tool.