

Document requirements of the product

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1 Target user profile and value proposition

In our project, we have two main objective users. The first is a user of YAPE that usually goes to MYPES and PYMES(micro and small business). The other is a YAPE user owner of a MYPES or PYMES(micro and small business).

Both have a big liking of technology and constantly look for new ways of digitizing all the process of selling taking advantage of these tools that streamline, secure and facilitate the shopping and sales.

The main value proposal from our team is to add the feature of make possible to emit a ticket or invoice when you pay through YAPE instantly.

1.1 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.

2 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.

3 Non-functional requirements

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

4 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 employees.
- 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.

5 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.