Document requirements of the product

jose.chavez@utec.edu.pe
sergio.carbone@utec.edu.pe
antonio.toche@utec.edu.pe
jeffrey.orihuela@utec.edu.pe
fernando.socualaya@utec.edu.pe

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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 [type of user], I want [an action] so that [a benefit/a value]

- As the owner of a MYPE, I can organize all the tickets so that makes easier the procedures with SUNAT

- As the owner of a MYPE, I can recive information about the sales during the days of the week so that let me distribute better the resources.

- As a client, I want to be able to see my expenses organized so that I can better invest my money and not make unnecessary expenses.

- As a customer, I want to be able to pay without cash so I do not receive fake money.

- As a client I would like to be able to divide the account among several people in order to facilitate the payment.

2   Use cases

1. As a client, I want to have electronic invoices or bills to be sure that I will never lose any.

   - **Software System :** Yape
   - **Actor:**   Client
   - **Use Case :**   Generate electronic bill

     (a) Client scans transaction QR code
     (b) Yape collects transaction data
     (c) Yape makes a request to SUNAT servers
     (d) Yape generates and sends the pdf to the Client
     (e) Yape awaits the response from the SUNAT BDD
        Use Case ends.

2. As the owner of a MYPE, I would like to keep a record of my clients in order to recognize them and build loyalty.

   - **Software System :** Yape
   - **Actor:**   MYPE owner , Client
   - **Use Case :**   Save frequent clients

     (a) Client makes payment
     (b) MYPE owner receives payment
     (c) Yape saves Client transactions counter
     (d) adding one to client counter
     (e) Update counters
     (f) List clients with more transactions
        Use Case ends.

3   Non-functional requirements

1. To be able to organize, according to sector, the payments made by each user.

2. Take a register of the consumers and analyze the most concurrent days and of the highest demand.

3. Accept within the tip payment or be in the ability to divide the account into a certain number of people.

4. To be able to support payments of orders at home.

5. Conclude the procedure with SUNAT in real time.

6. Categorize the type of product or service sold.

4 Glossary

- MYPE/PYME: Micro and Small sized enterprises.

- MYPE Customer: The person who purchase a product in a MYPE.

- MYPE owner: The person who owns/manages a MYPE.

- Ticket/invoice: Payment vouchers.

- SUNAT: Entity that collect 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.