CHUNGHWA TELECOM
PROGRAMMING DESIGN AND APPLICATIONS

Jérôme DAULION - X1070076
Elisa GRESSIER-MONARD - X1070077
Romain MOINEAU - X1070079
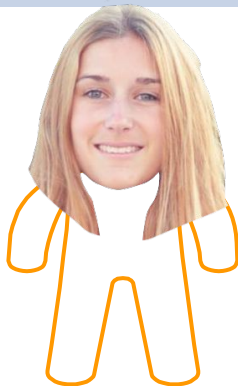Karel KEDEMOS - X1070078

Wednesday 27th of March

TEAM INTRODUCTION

ELISA

Java, Python, SQL, VBN

KAREL

Java, Python, SQL, JavaScript

JEROME

Java, Python, SQL, HTML/CSS

ROMAIN

Java, Python, SQL, HTML/CSS, Matlab

CONTENTS

A NUMERICAL DOCUMENTS STORAGE

- No paper version of documents for the recipient if not needed

- For people who have a PO box

SCIENCE BEHIND THE IDEA

- Documents are immediately accessible

- People don't have to move from their home

- No document loss

- Documents keep their legal value

- Documents that legally need to be kept are safe

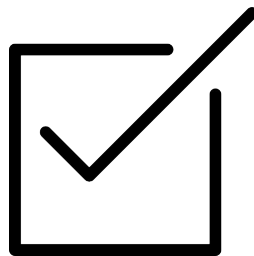# SCIENCE BEHIND THE IDEA
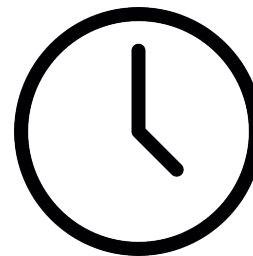
More and more dematerialization

3 Million
Users

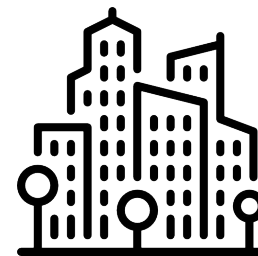**130 Million**
Processed documents

92%
Satisfaction rate

82%
Users that think they saved time and frustration

450

IPO CYCLE

INPUT

- Email address
- Password
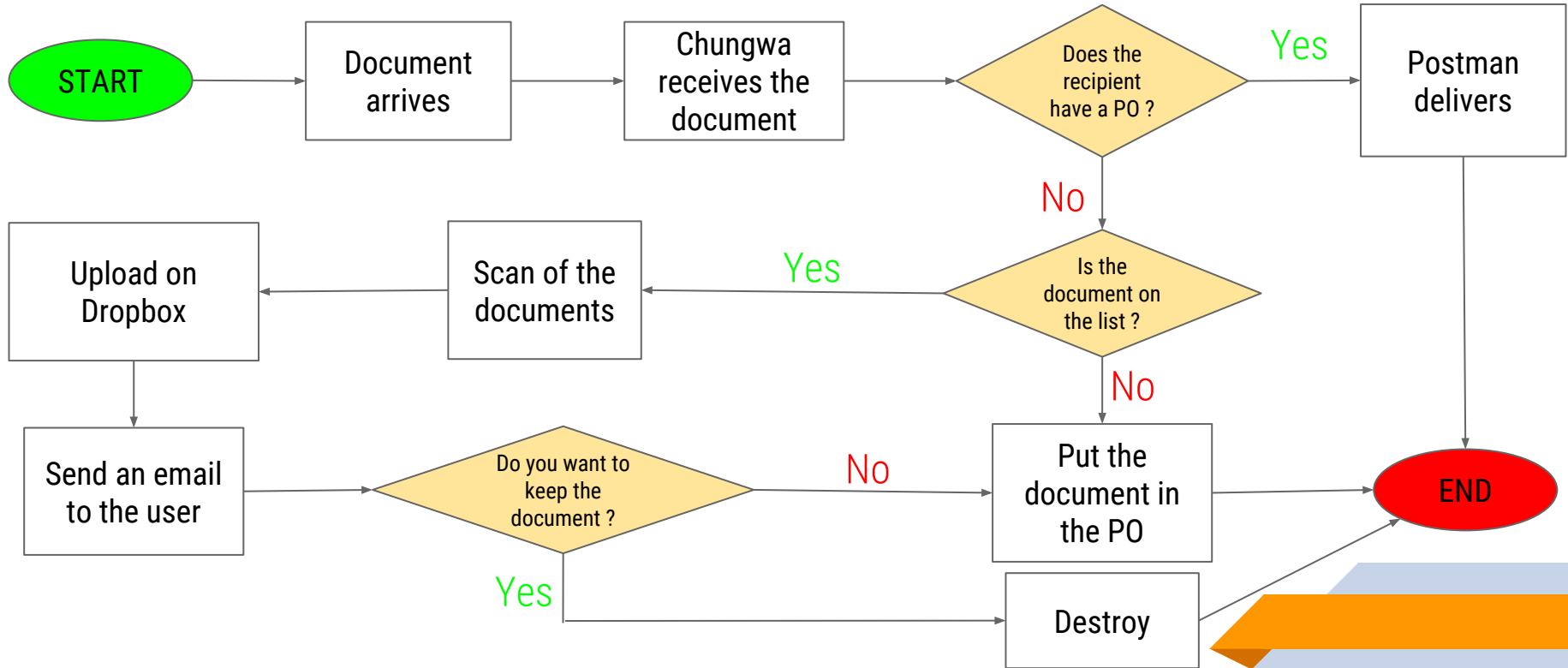- A signed contract

PROCESS

- Reception of the mail
- Check if the recipient is a user of the PO box service
- Check the sender
- Scan the document received
- Put it on the customer's Dropbox
- Send an email to notify the customer of the new arrival
- Ask the customer if the document should be destroy or stored in his box

OUTPUT

- A centralized and secured storage of documents
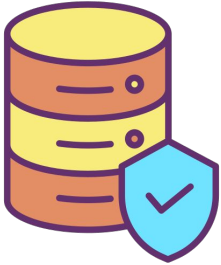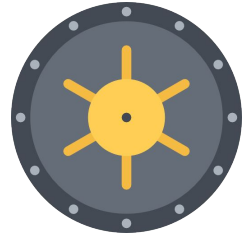- Optional : the original mail

FLOWCHART (CHUNGHWA POINT OF VIEW)

START → Document arrives → Chungwa receives the document → Does the recipient have a PO ?

Does the recipient have a PO ? — Yes → Postman delivers

Does the recipient have a PO ? — No → Is the document on the list ?

Is the document on the list ? — Yes → Scan of the documents → Upload on Dropbox → Send an email to the user → Do you want to keep the document ?

Is the document on the list ? — No → Put the document in the PO

Do you want to keep the document ? — No → Put the document in the PO

Do you want to keep the document ? — Yes → Destroy

Postman delivers → END

Put the document in the PO → END

Destroy → END

Protection of your files

Confidentiality of your data

Guarantee of your privacy

Secured box for physical mails

DRAWBACKS

- Privacy

- Doesn't target every people in Taiwan (elderly for instance)

- Sensitive to digital problems (hacking, power cuts, …)

FUTURE OUTLOOKS

- Environmental transition : the document is directly digitally send by the company to the post

- Support in your administrative procedures

- Send CVs to companies