

[Training and Documentation]

[High Level Requirement]

CONDUCTED FOR ENGINEERING REQUIREMENTS

Report No. [HLR-05]

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Table of Contents

1	[Introduction]	3
1.1	Vision	3
1.2	Need/Purpose	3
1.3	Structure	3
2	[Scope of Requirements Specification]	3
2.1	Inclusions	3
2.2	Exclusions	3
3	[Business requirement]	4
3.1	Organization Chart / Project Chart	4
3.2	Business Modeling / Requirements	4
3.2.1	Business need:	4
3.2.2	Project sponsorship:	4
3.2.3	Business requirement:	4
4	[Business Processes / Flowchart of Requirements]	6
5	[List of Engineering requirements]	7
5.1.1	Functional requirements:	7
5.1.2	Non- Functional requirement:	7

1 [Introduction]

1.1 Vision

Our project will deliver to end users a standard ecommerce page where they can find items that they want to buy, buy what they have selected and pay for the items online and so on.

1.2 Need/Purpose

Everyone has their own needs of buying stuffs but the traditional way of shopping will be somehow inconvenient then there are some ecommerce websites ever created so it must be such help for modern generation.

1.3 Structure

Our product uses a domain-driven framework named Oscar and we chose Django Python to build the rest

2 [Scope of Requirements Specification]

2.1 Inclusions

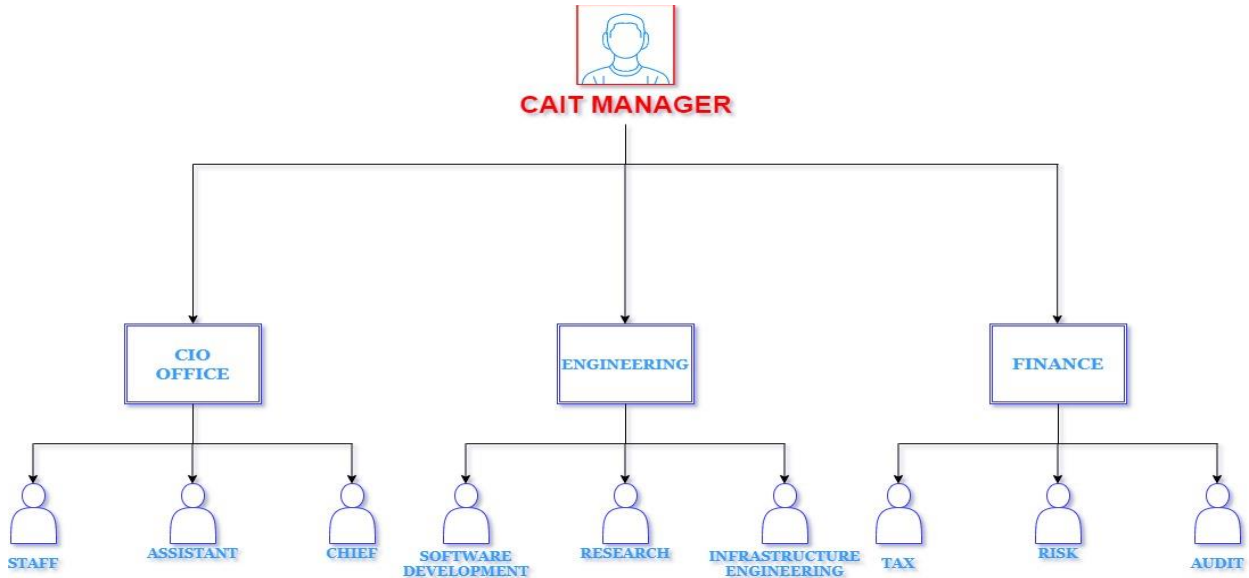
This document will cover everything about Engineering Requirements

2.2 Exclusions

Oscar's requirements will not be mentioned here

3 [Business requirement]

3.1 Organization Chart / Project Chart



3.2 Business Modeling / Requirements

3.2.1 Business need:

1. Paying for an order with multiple payment sources (e.g., using a bankcard, voucher, gift card and points account).
2. Complex access control rules governing who can view and order what.
3. Supporting a hierarchy of customers, sales reps and sales directors - each being able to “masquerade” as their subordinates.
4. Multi-lingual products and categories.
5. Digital products.
6. Dynamically priced products (e.g. where the price is provided by an external service).

3.2.2 Project sponsorship:

Note: This model is built to support subject Software engineering 2020-2021 and we are looking to having a real sponsorship, this might come to reality

3.2.3 Business requirement:

By implementing Oscar, we will be provided with these functions below:

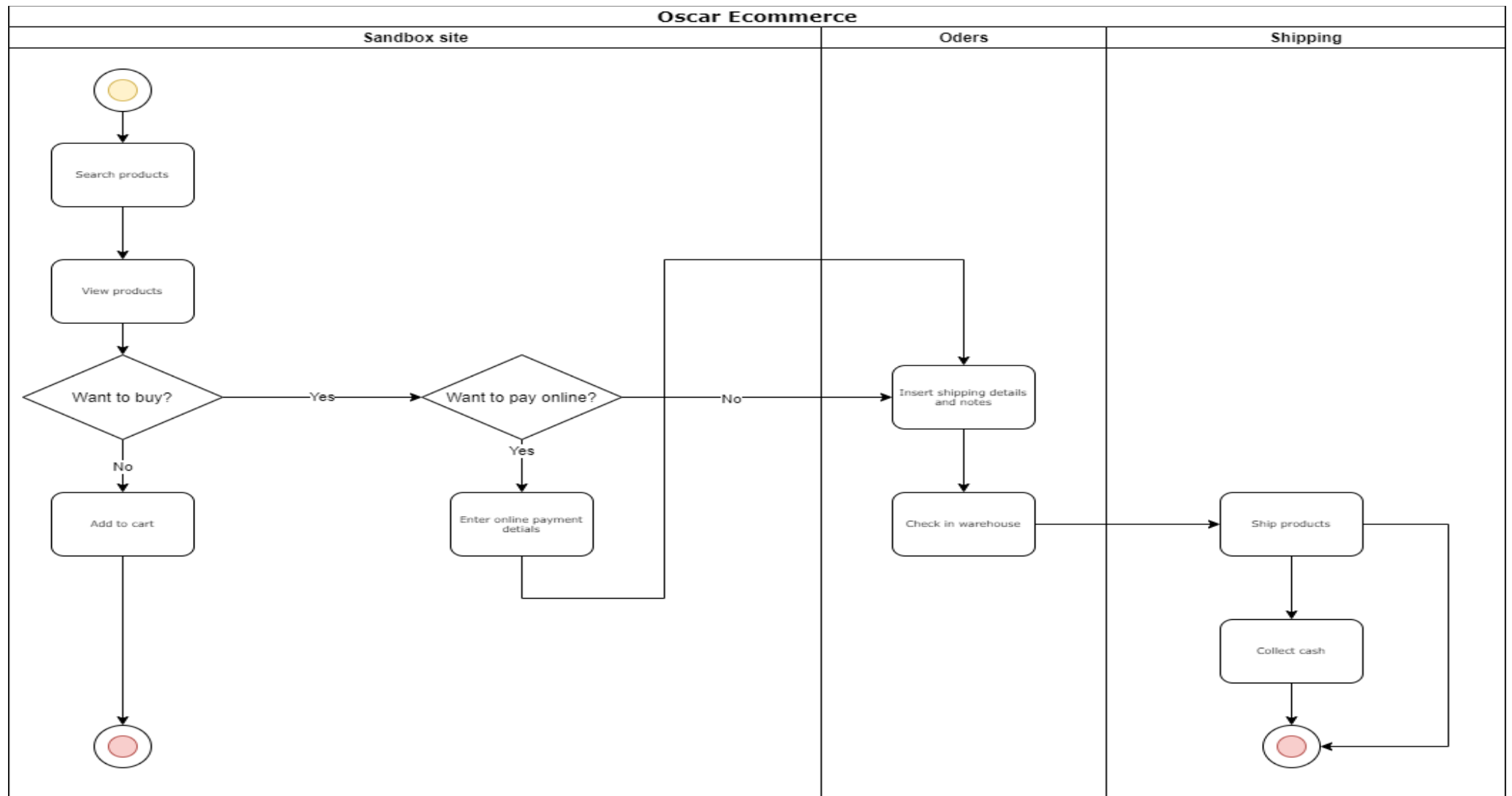
- Online access to every information
- Everyone with accounts in Oscar can see products list
- Users can perform trading online or offline
- View buying and payment history
- Users can change their payment method and information

Business Value:

By implementing Oscar, business can expect to receive those benefits:

- A domain driven model website which is easy to change depends on how business scheme is
- With a built backend which can easily fit in with the design
- Higher flexibility

4 [Business Processes / Flowchart of Requirements]



5 [List of Engineering requirements]

5.1.1 Functional requirements:

5.1.1.1 Process – oriented

- Oscar allows new users to create new accounts.
- Oscar allows users who have already created their accounts to forget their password and get it back by sending a private email to their TDTU emails and it is automatically
- Oscar will send you email inform partnership
- Oscar allows registered users to find products
- Oscar allows registered users report products
- Oscar allows users to pay and buy products online

5.1.1.2 Information – oriented

- Oscar must contain all information of users and products
- Oscar will save email addresses and passwords
- Oscar will save user's buying and payment history

5.1.2 Non- Functional requirement:

5.1.2.1 Operational:

- Oscar is a web app so it can be executed by any device from PC to mobile phone
- Oscar can work on any web browser and until now work best with Chrome

5.1.2.2 Performance:

- Oscar is now using just localhost so there will be some limits
- Ocsar Sandbox had been deployed on Pythonanywhere so everyone can access for free but there will be a limit in accessing number

5.1.2.3 Security:

- Oscar was designed to receive the full technical control of system admin and this admin is managed by CAIT manager
- Payment information will be kept in different folders and with passwords on each

5.1.2.4 Cultural and Political

- Oscar is a domain-driven model open-source framework to help build any ecommerce so with our fair use policy, we will not have any problems with copyright or else.