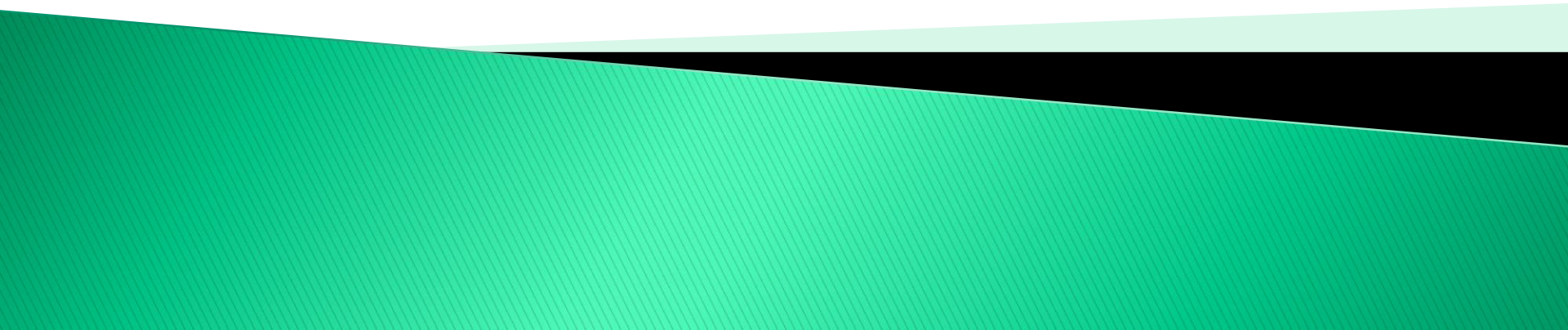


# Team Project

Code Factory



# Our Team

## **Maria (Team Leader)**

PM Software setup (Jira), Frontend, Backend, Debugging

## **Martin**

Frontend, Backend, Database setup, Debugging

## **Lesia**

Design & Layout, Frontend, Responsive Design

## **Richard**

Frontend, Backend, Debugging

## **Marko**

Frontend, Backend, Debugging



# Chooosen Topic: E-commerce site

Many topics combined within  
the one

Commonly needed topic

Good practice

A topic everybody knows

## MEETING MINUTES 17.05.21

Decide on:

- What project and wich technologie;

TECHNOLOGY:

- Symfony + MYSQL | Marko, Richard, Martin
- PHP + ANGULAR + MYSQL | Martin
- PHP + HTML + MYSQL | Lesia, Maria, Marko, Richard, Martin

PROJECT:

- Project 1 - Q&A Tool Page | Richard, Maria, Martin, Marko, Lesia
- Project 2 - Meal Planner Page | Maria, Marko, Lesia
- Project 3 - E-commerce site Page | Richard, Maria, Martin, Marko, Lesia
- Project 4 - Skip Diving File | Maria, Martin
- Project 5 - Skill Recognition for Refugees File |
- Project 6 - Mentorship without borders |

FIRST ROUND:

- Project 1 - Q&A Tool Page | Richard, Maria, Martin, Marko, Lesia
- Project 3 - E-commerce site Page | Richard, Maria, Martin, Marko, Lesia

FINAL ROUND:

- Project 1 - Q&A Tool Page | Maria, Martin
- Project 3 - E-commerce site Page | Richard, Marko, Lesia, Maria, Maria

PROJECT MANAGMENT:

- Jira
- Scrum
- At least one meeting per day 09:00 (15min, 'Standup'), one afternoon checkin at: 15:30

# Project Organisation

## Tools

Jira Software  
Zoom  
Slack

Visual Studio Code  
Notepad++

Adobe XD

Chrome, Firefox

XAMPP  
cPanel  
FileZilla

GitHub

## Technologien

PHP  
HTML  
CSS  
Bootstrap  
JavaScript  
SQL  
MariaDB

## Why not Symfony, Angular or SCSS?

Everybody can do everything

Training of the basics

## Methodologies

SCRUM  
Sprint Planning  
Daily Standups  
(Sprint Review)

# Jira Software

Projects / E-Commerce

## ECOM Board

MSM

Epic

Label

GR

BACKLOG 2 ISSUES

Upload profile pictures for users

✓ ECOM-21

↓

Ability to set expiration time for banned user

✓ ECOM-23

↓

+ Create issue

TO DO 1 ISSUE

Admin - Product Sales Statistics Page

admin-access

✓ ECOM-30

↑

FUNCTIONAL IN PROGR... 2 ISSUES

Purchase Page

user-access

✓ ECOM-16

↑

Product Catalog Page

public-access

✓ ECOM-9

↑

DESIGN IN PROGRESS 1 ISSUE

Shopping Cart Page

user-access

✓ ECOM-15

↑

REVIEW 2 ISSUES

Email Order Notification

✓ ECOM-26

↑

Sessions

✓ ECOM-59

↑

DONE 29 ISSUES ✓

User Profile Page

user-access

19 MAY

✓ ECOM-7

↑

Product CRUD - Create Product Page

admin-access

19 MAY

✓ ECOM-27

↑

User CRUD - User Management Page (incl delete)

admin-access

19 MAY

✓ ECOM-18

↑

Admin - Dashboard

✓ ECOM-58

30m

↑

Product Detail Page

public-access

19 MAY

✓ ECOM-14

↑

# Requirement Analyses - Brainstorming

## DEADLINES:

Email Receipt

## SHOPPING CART:

Amount

## PRODUCT:

Discount  
Price  
Image  
Is it in Stock

## PAGES:

Login/Register P  
Landing P  
Products Catalogue P  
Product Details P  
UserProfile U A  
About P  
Contact P  
Statistics A  
Questions U  
Admin Panel A  
Product Management A S  
User Management A  
Supplier Management A

## LANDING PAGE

Discounts  
Special offers  
why we are so cool

## Database

## CRUD:

User  
Product  
Shopping Cart  
Supplier  
Review

## ROLES:

Admin  
Customer  
Supplier

## AUTHENTICATION (Login/Register)

## VISIBILITY:

Admin A  
User U  
Suppliers S  
Public P

## USER MANAGEMETN:

Admin  
Customer  
Product Provider

Google Maps

APIs

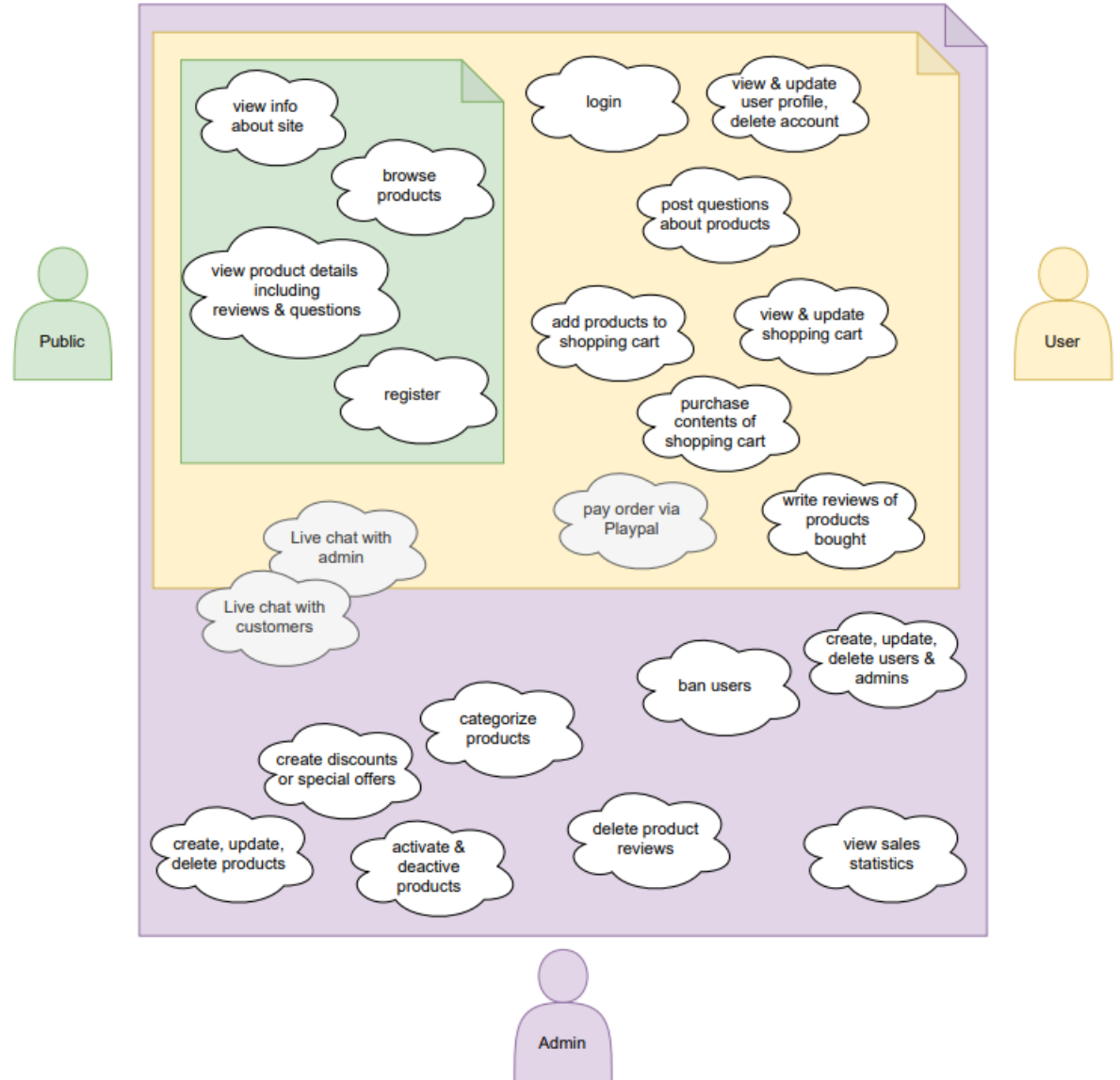
Paypal

Live Chat

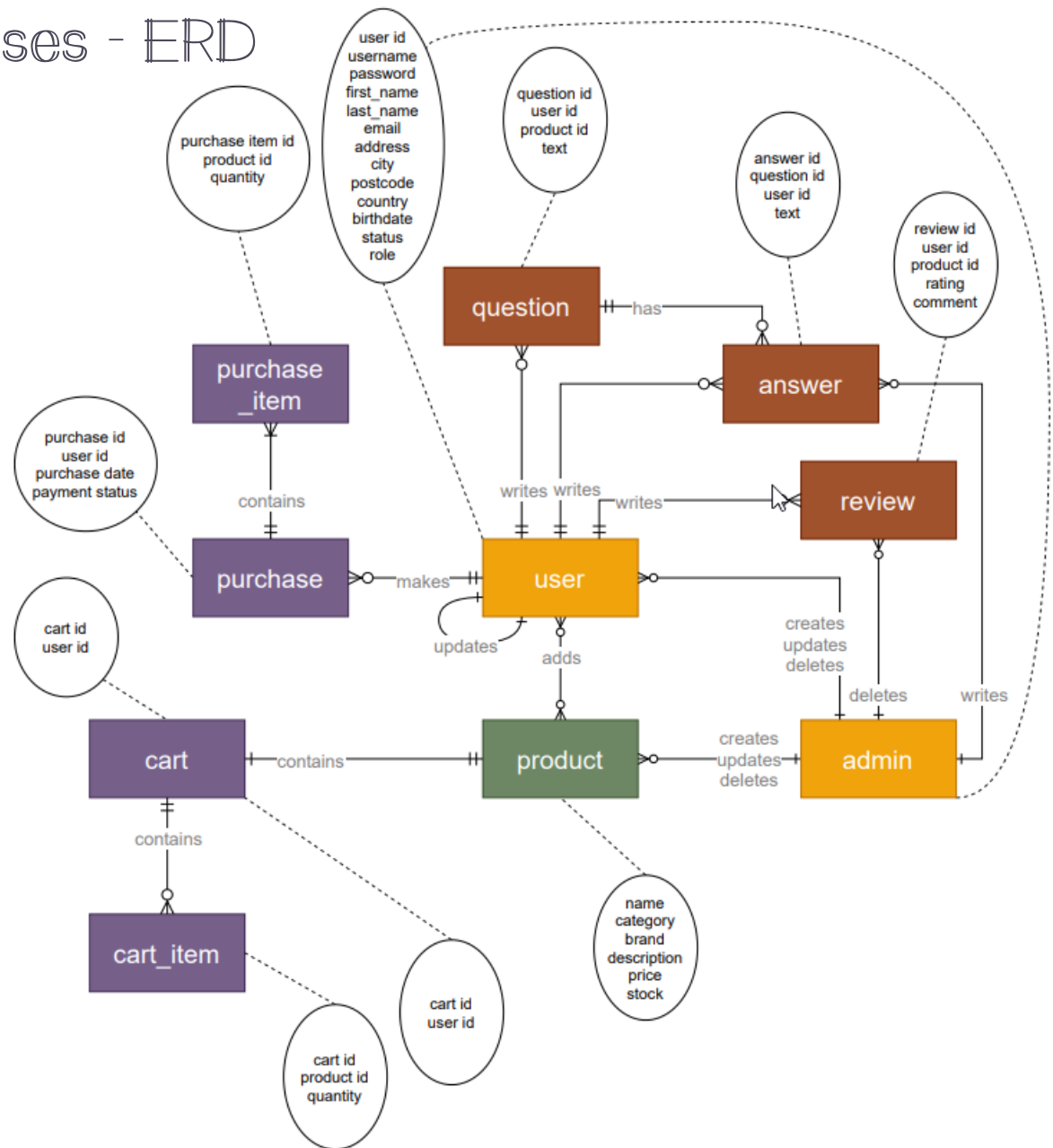
Shopping Cart

Reviews

# Requirement Analyses – User Story

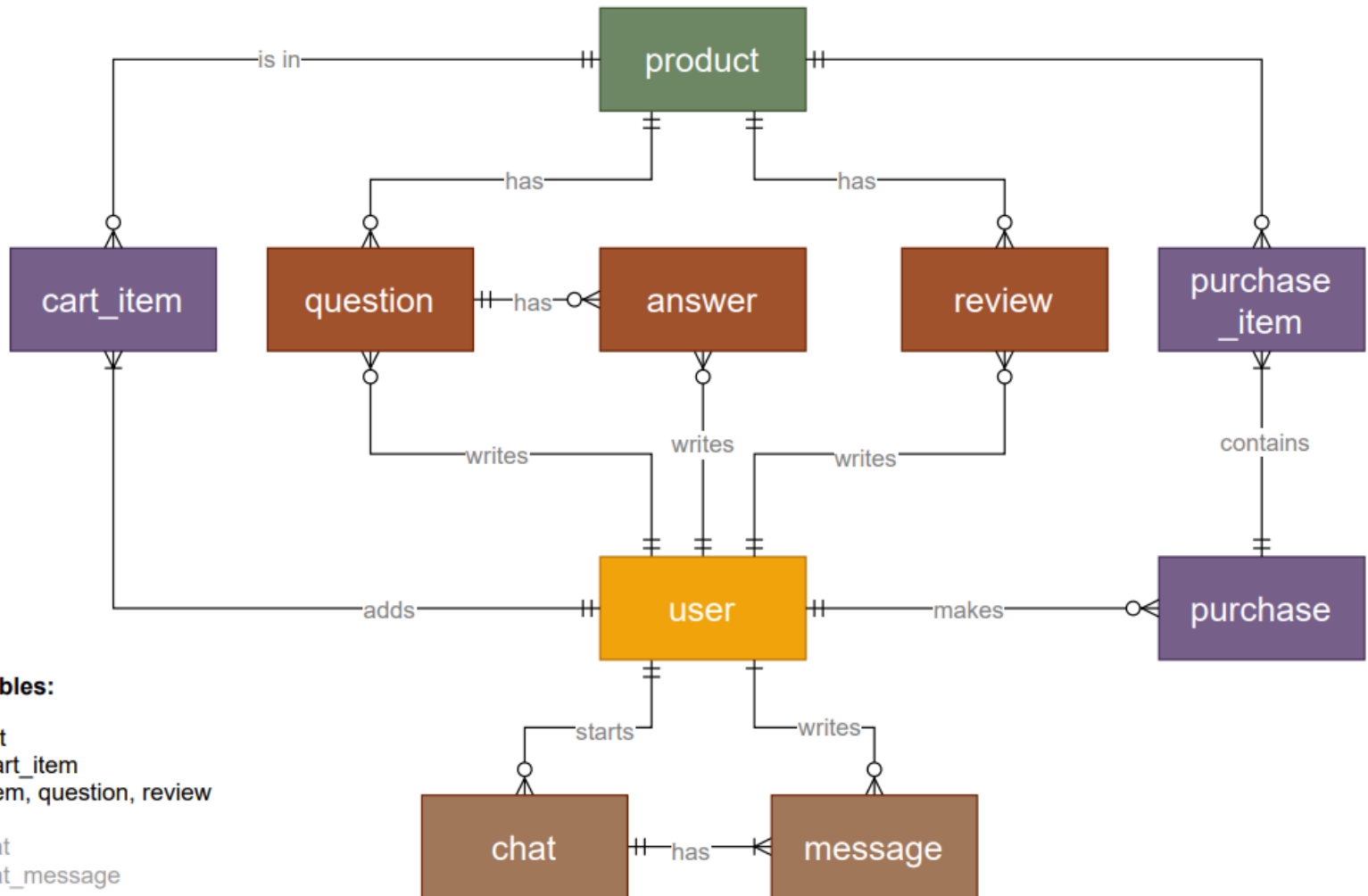


# Requirement Analyses - ERD





# Requirement Analyses - ERD

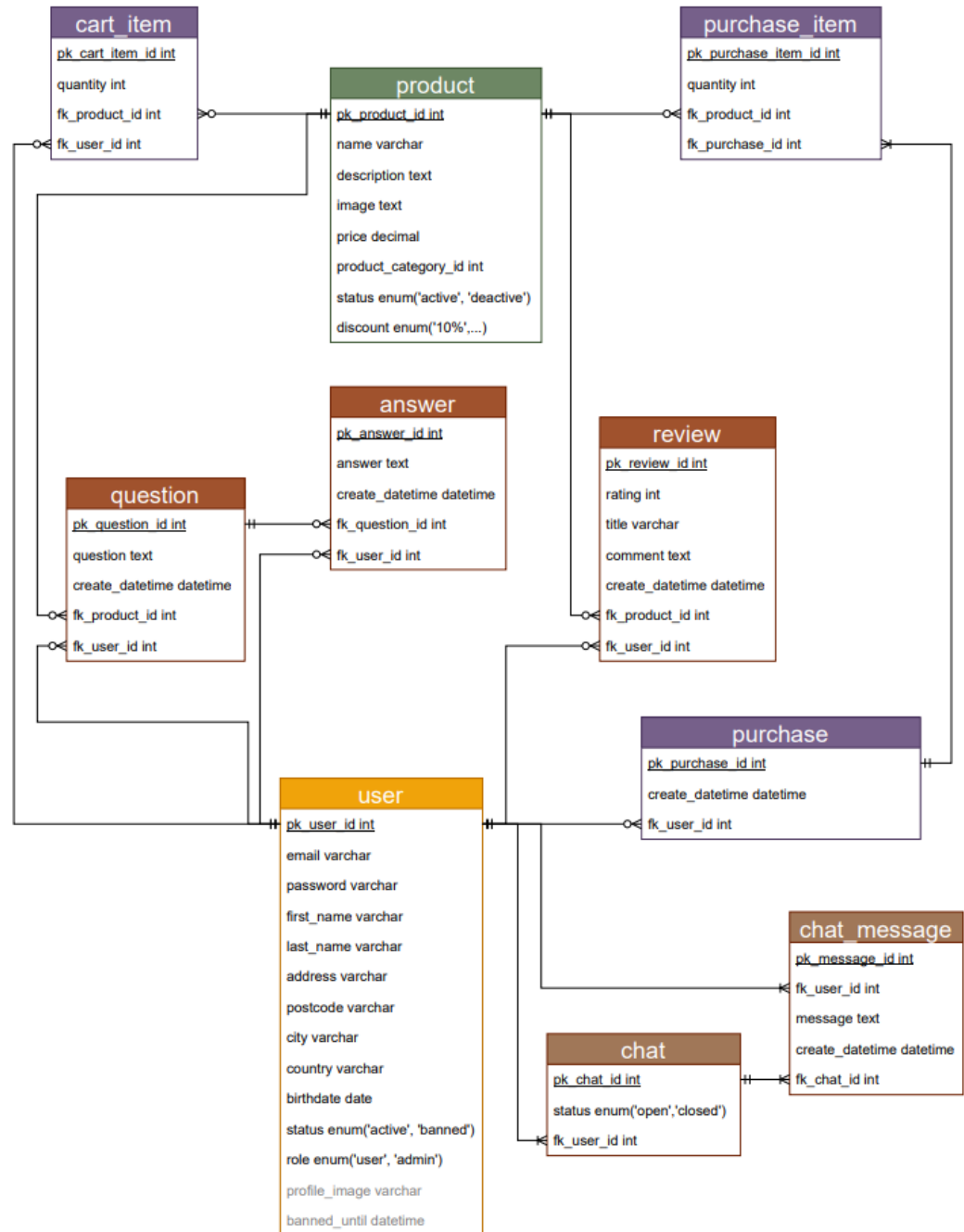


## Order to create tables:

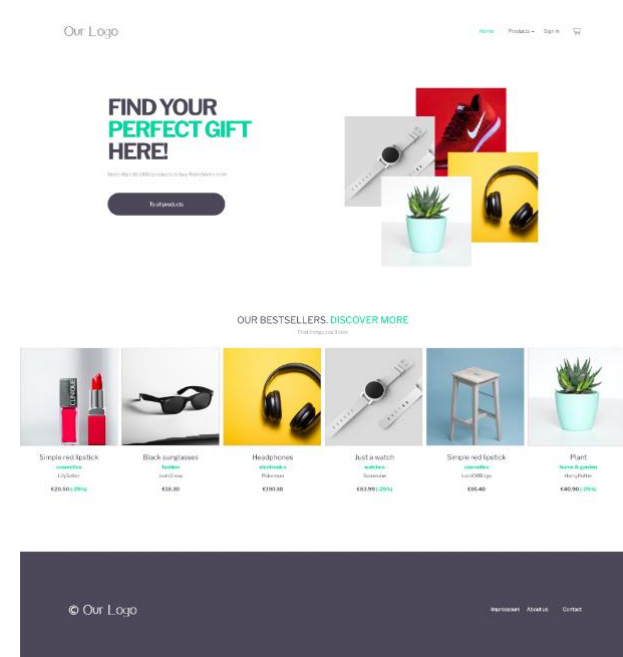
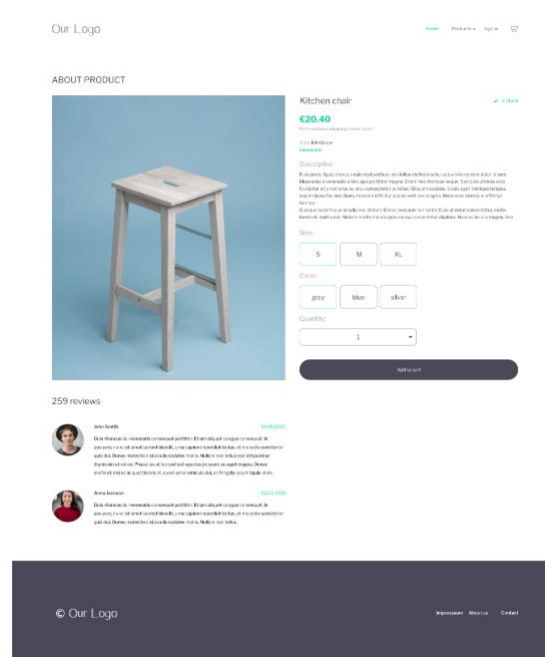
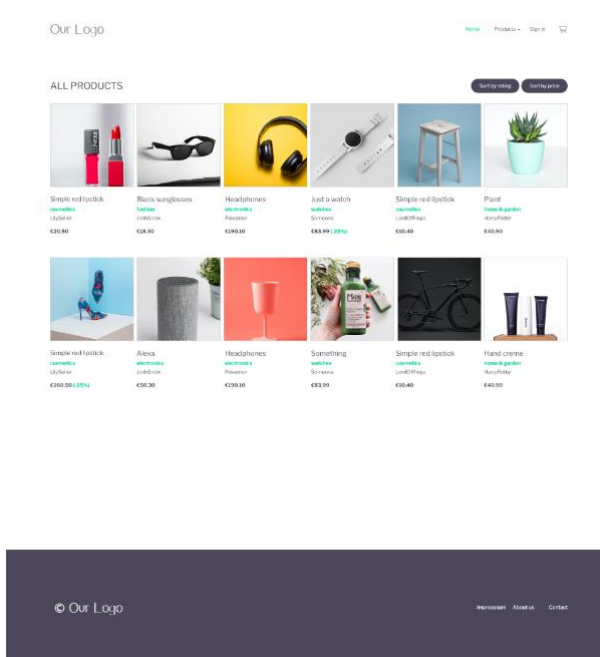
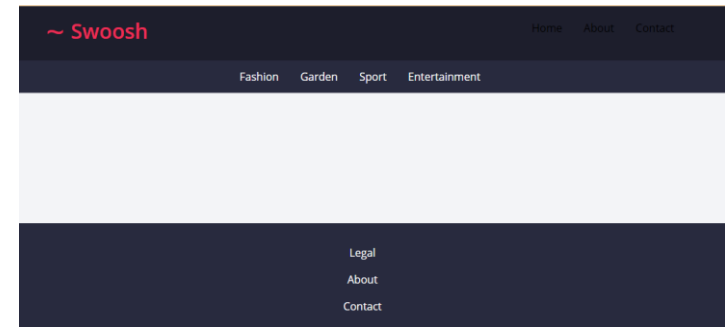
1. user, product
2. purchase, cart\_item
3. purchase\_item, question, review
4. answer
5. optional: chat
6. optional: chat\_message

# Requirement Analyses

- UML



# Design & Layout Mockup (Adobe XD)



# Lessons Learned

## Shopping cart

- had to not only calculate once but at several locations
- Better to include separate cart table

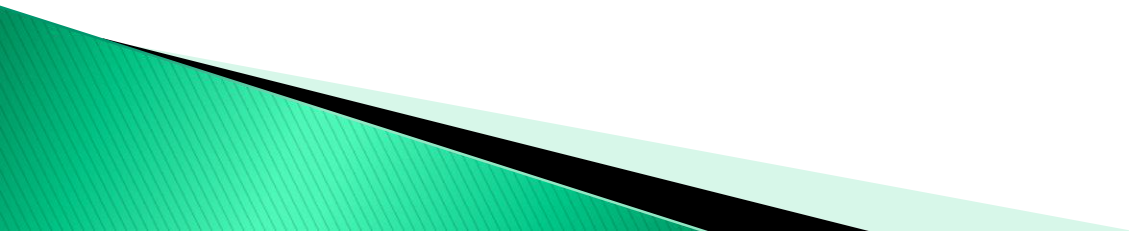
Importance to **test each others code** (Blindness to own errors)

Discovered further bugs with explorative testing

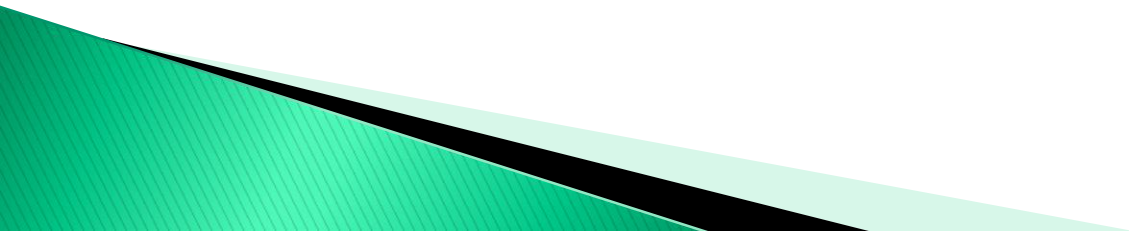
Extensive usage of **Slack & Jira** to avoid merge conflicts

## Slack

- Best is address with @
- Subchats are easily overlooked



# Live Presentations



Q & A