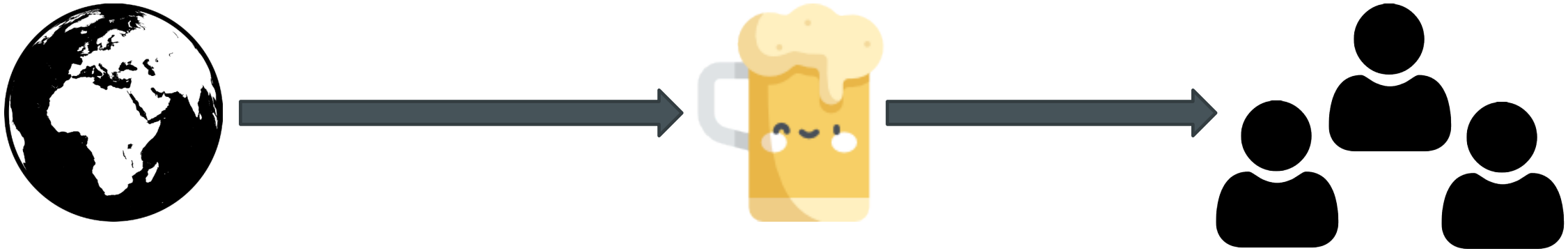
BEER MASTERS SHOP

APPLICATION FOR THE SUBJECT OF PROGRAMMAZIONE DI DISPOSITIVI MOBILE-2019/2020

IGNACIO HERRERA SEARA

WHAT IS BEER MASTERS SHOP?

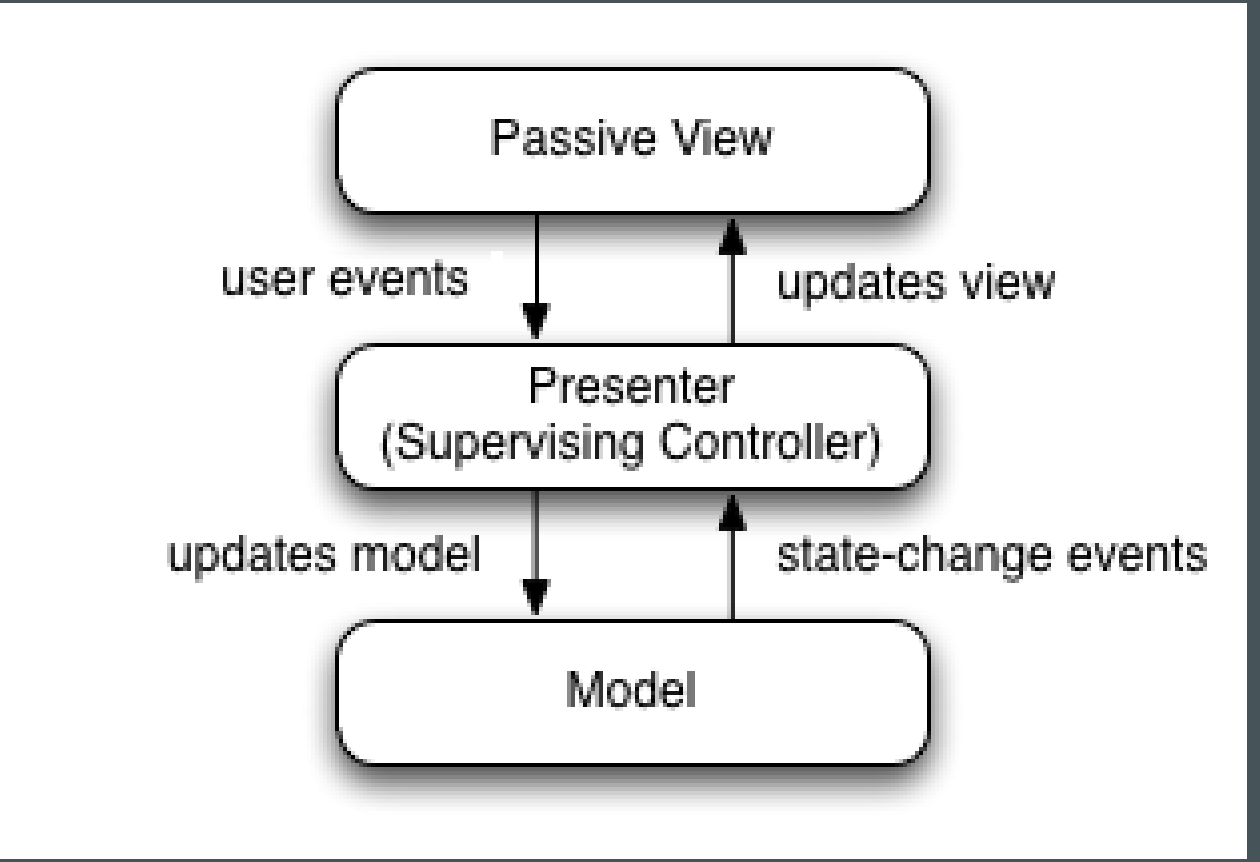


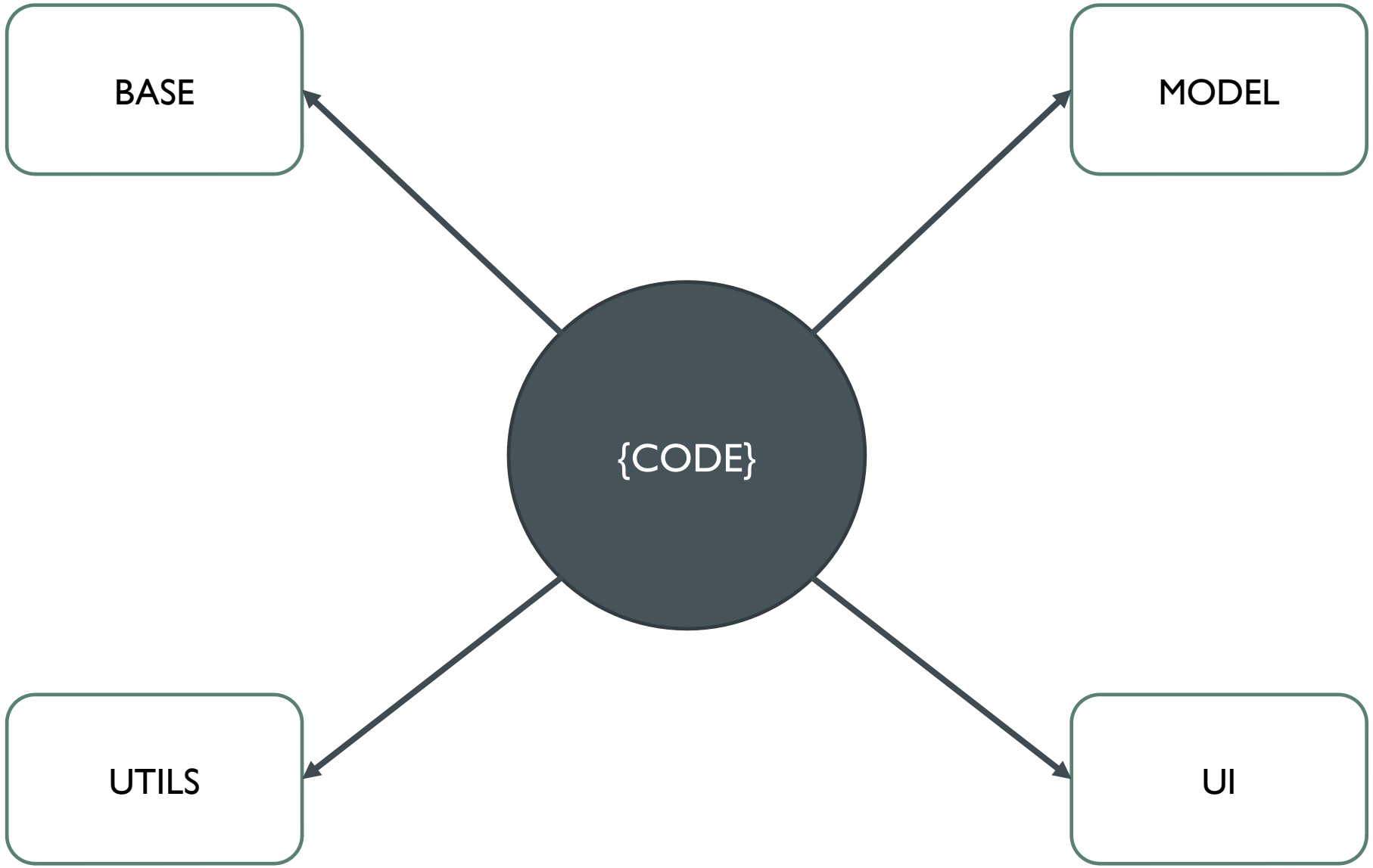
APP FUNCTIONALITY

- Manage user account
- Product catalog
- Cart
- Place orders & view order history
- Make payments (XPay)
- Make reviews
- Manage products
- Payment history & cancel / refund a payment (Nexi API)

APP ARCHITECTURE

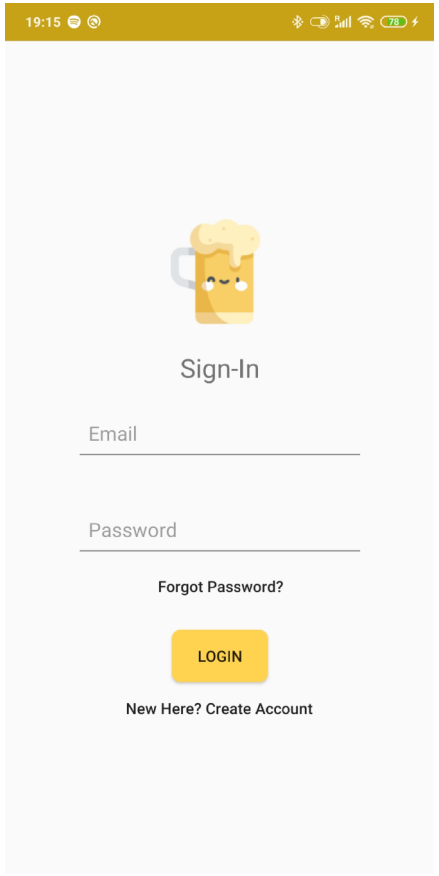
MODEL-VIEW-PRESENTER (MVP)



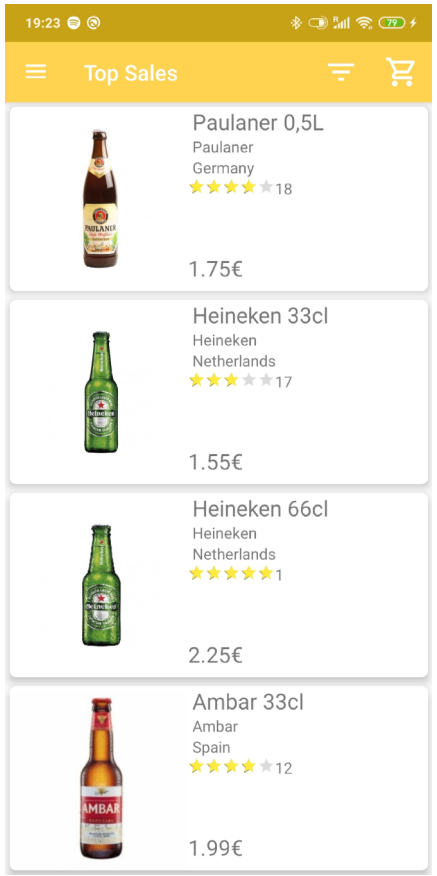

BASE
MODEL
{CODE}
UTILS
UI

APP ARCHITECTURE

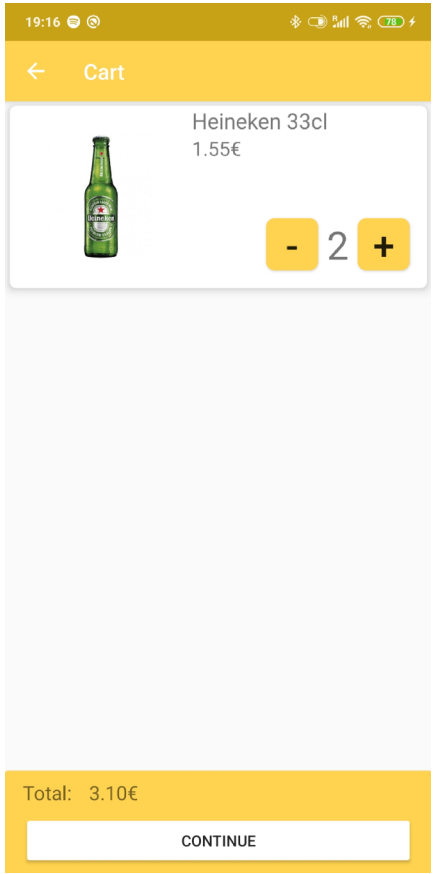
Init Activity



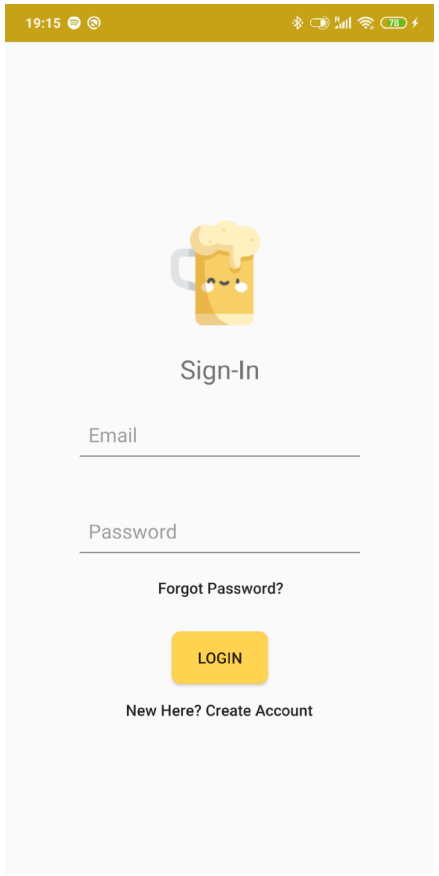
Main Activity

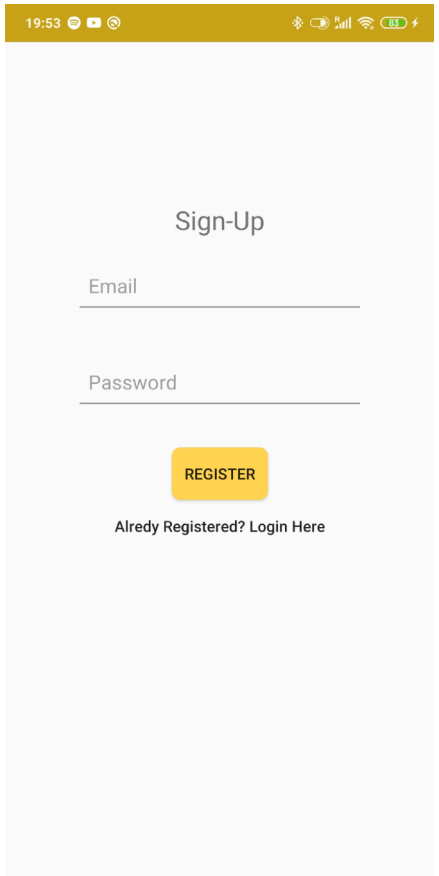


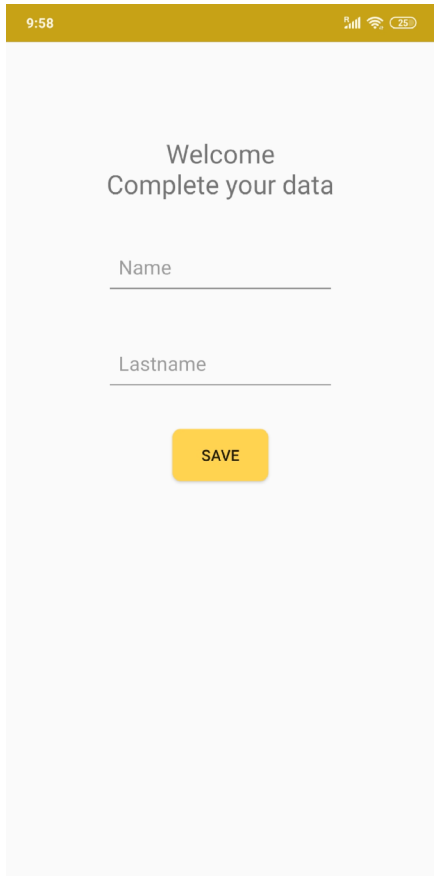
Cart Activity



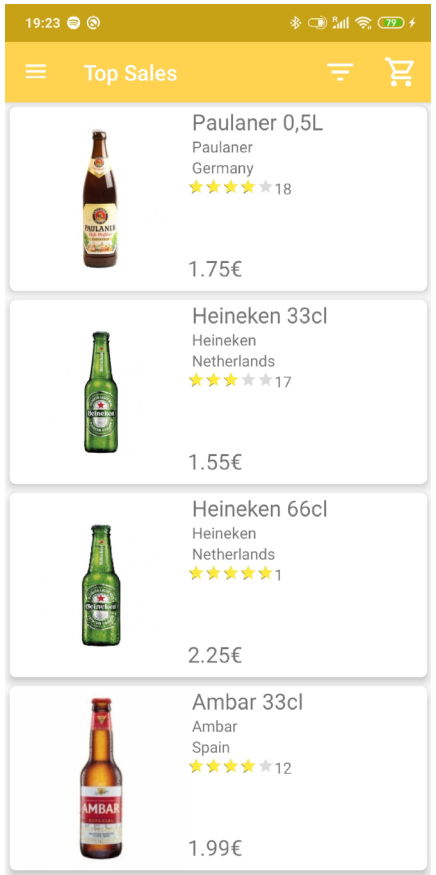
INIT ACTIVITY

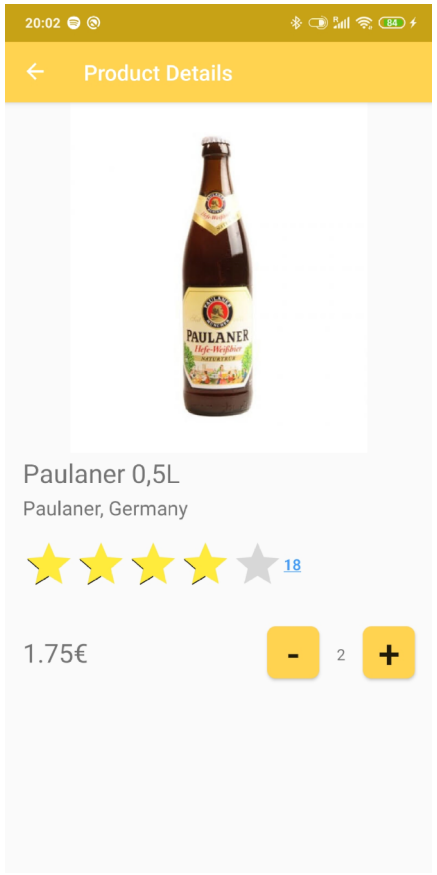


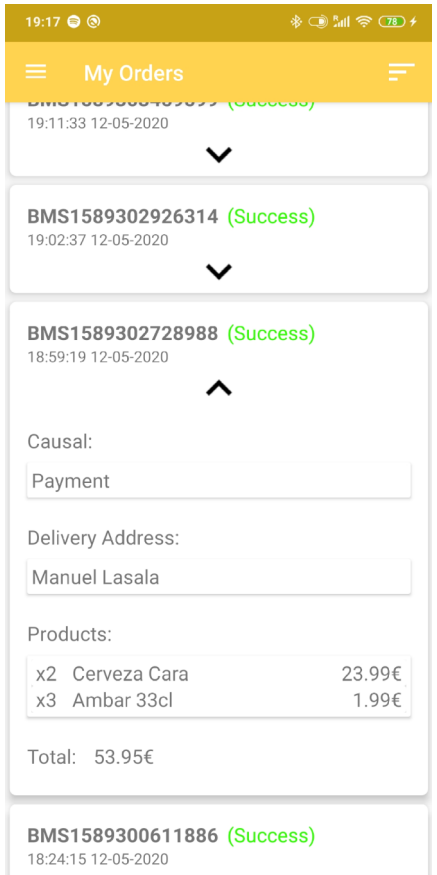


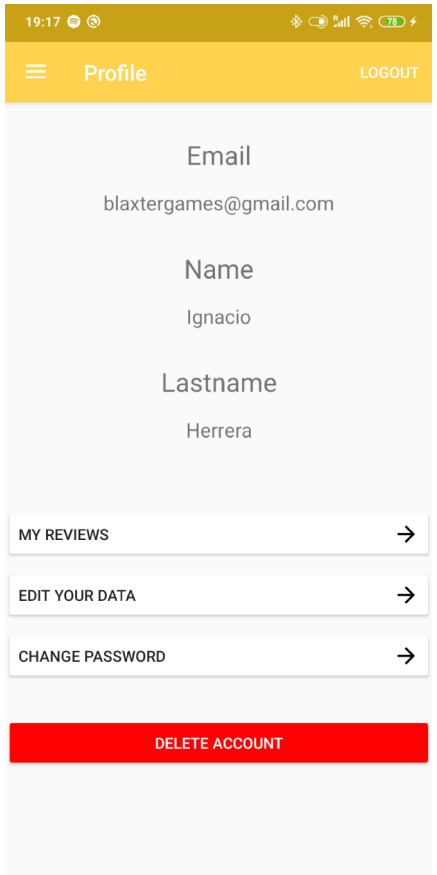


MAIN ACTIVITY

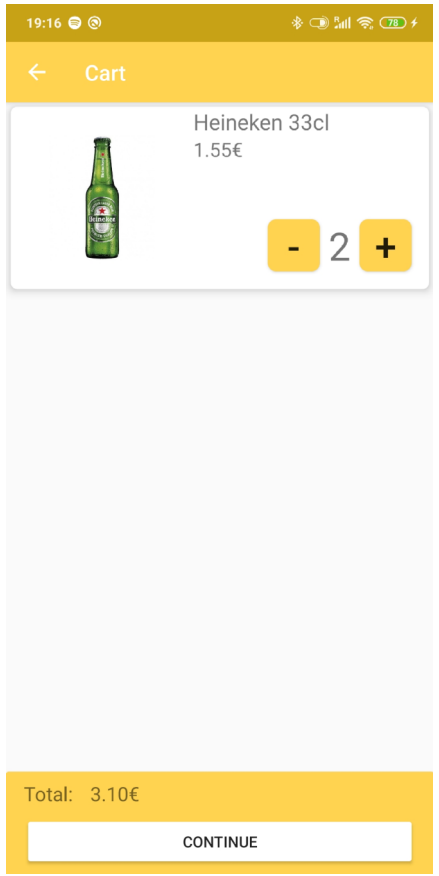


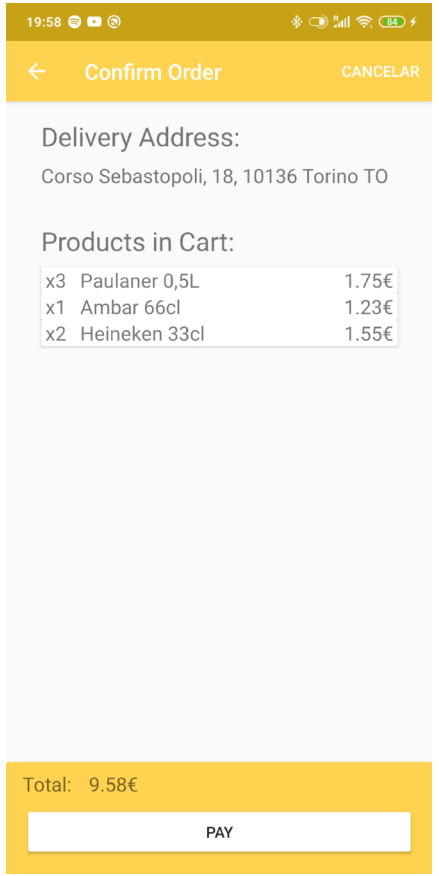


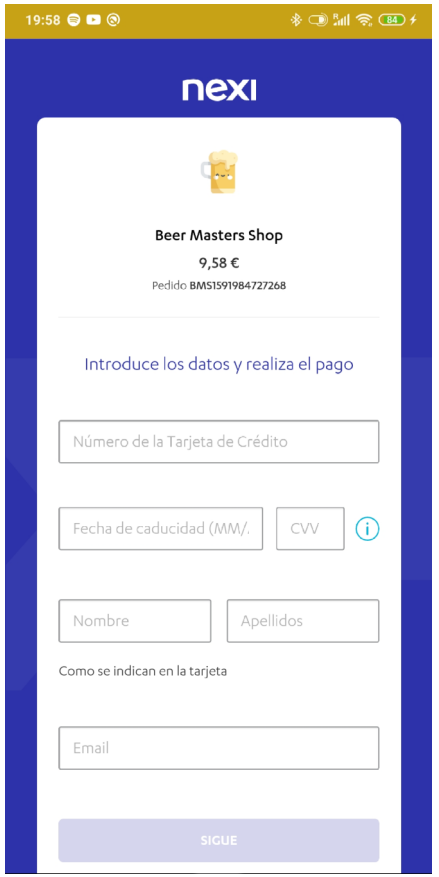


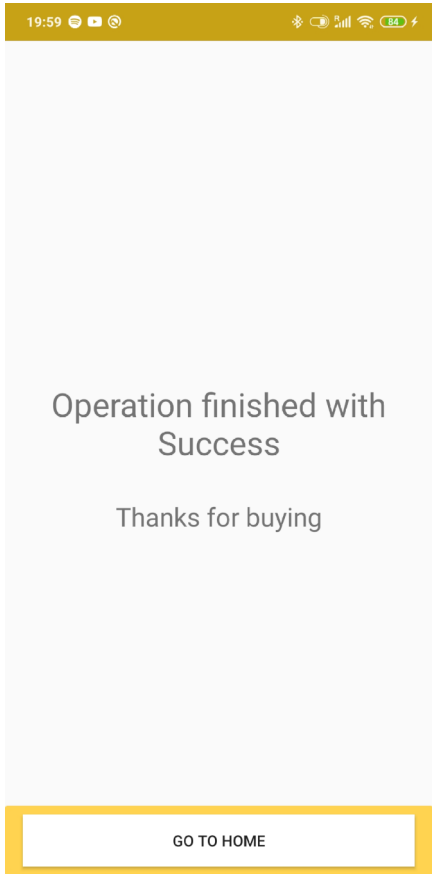


CART ACTIVITY



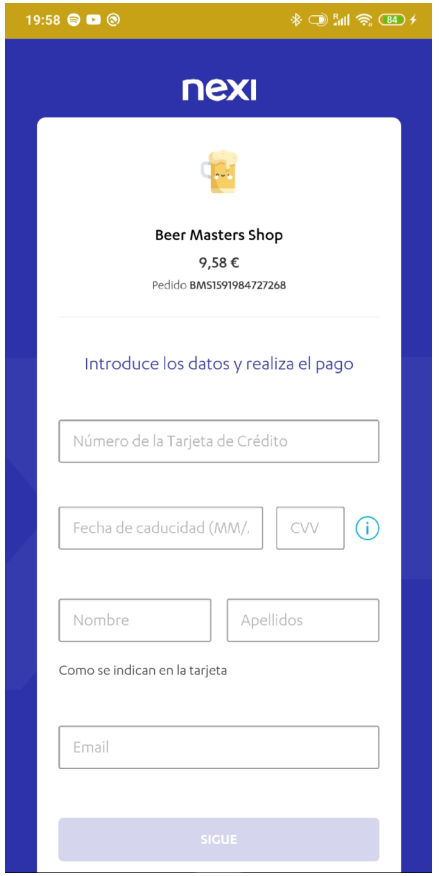




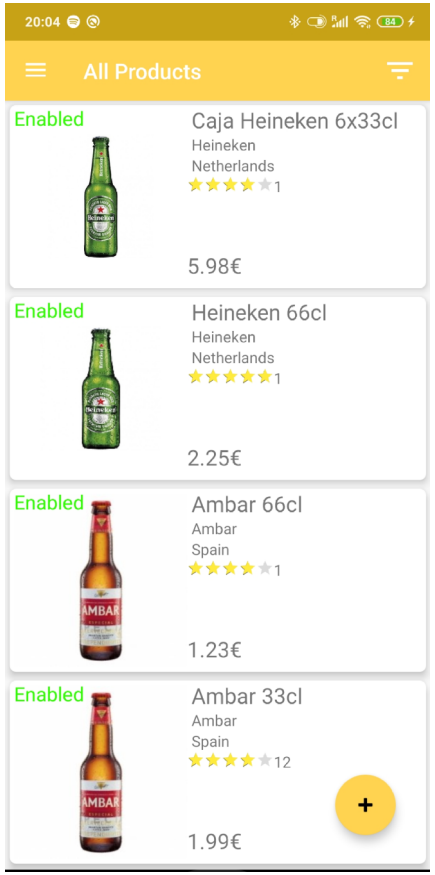


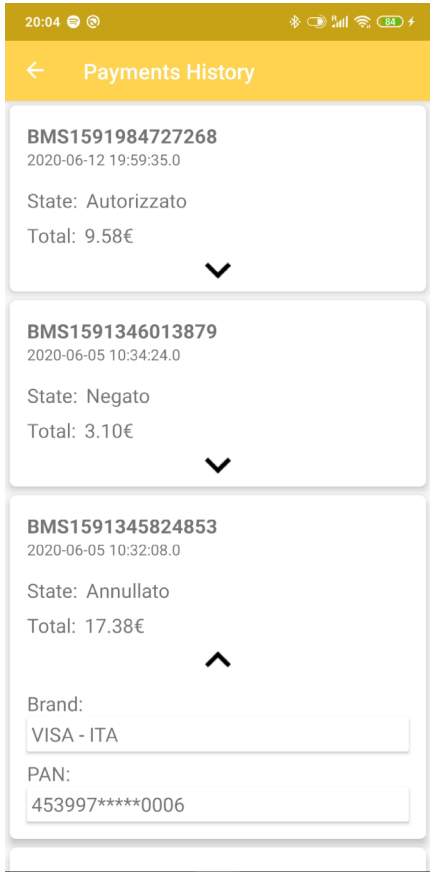
NEXI

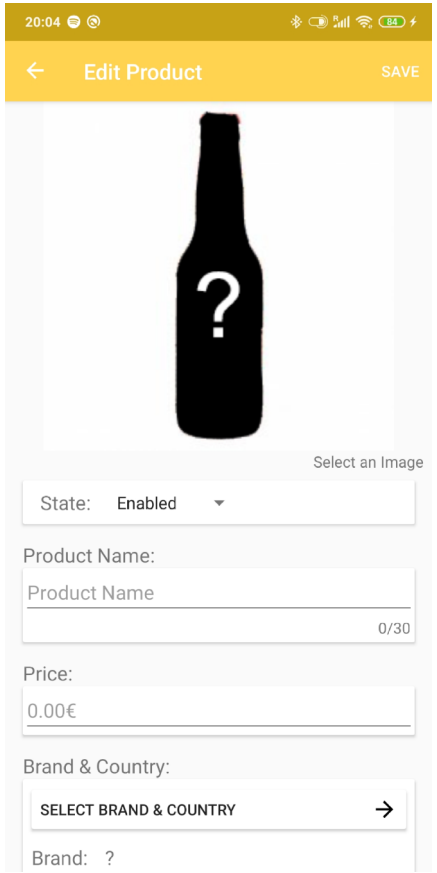
Pagamento Semplice → Payments



ADMIN

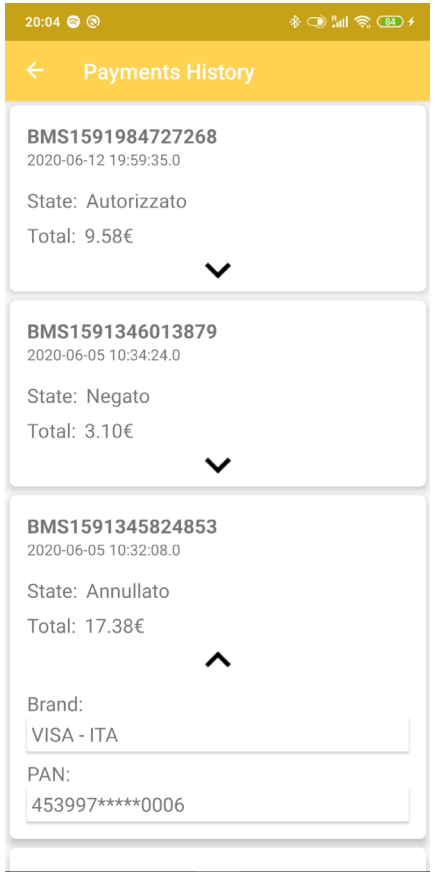

20:04
All Products
Enabled
Caja Heineken 6x33cl
Heineken
Netherlands
1
5.98€
Enabled
Heineken 66cl
Heineken
Netherlands
1
2.25€
Enabled
Ambar 66cl
Ambar
Spain
1
1.23€
Enabled
Ambar 33cl
Ambar
Spain
12
1.99€


20:04
Payments History
BMS1591984727268
2020-06-12 19:59:35.0
State: Autorizzato
Total: 9.58€
BMS1591346013879
2020-06-05 10:34:24.0
State: Negato
Total: 3.10€
BMS1591345824853
2020-06-05 10:32:08.0
State: Annullato
Total: 17.38€
Brand:
VISA - ITA
PAN:
453997*****0006


20:04
Edit Product
SAVE
Select an Image
State: Enabled
Product Name:
Product Name
0/30
Price:
0.00€
Brand & Country:
SELECT BRAND & COUNTRY
Brand: ?

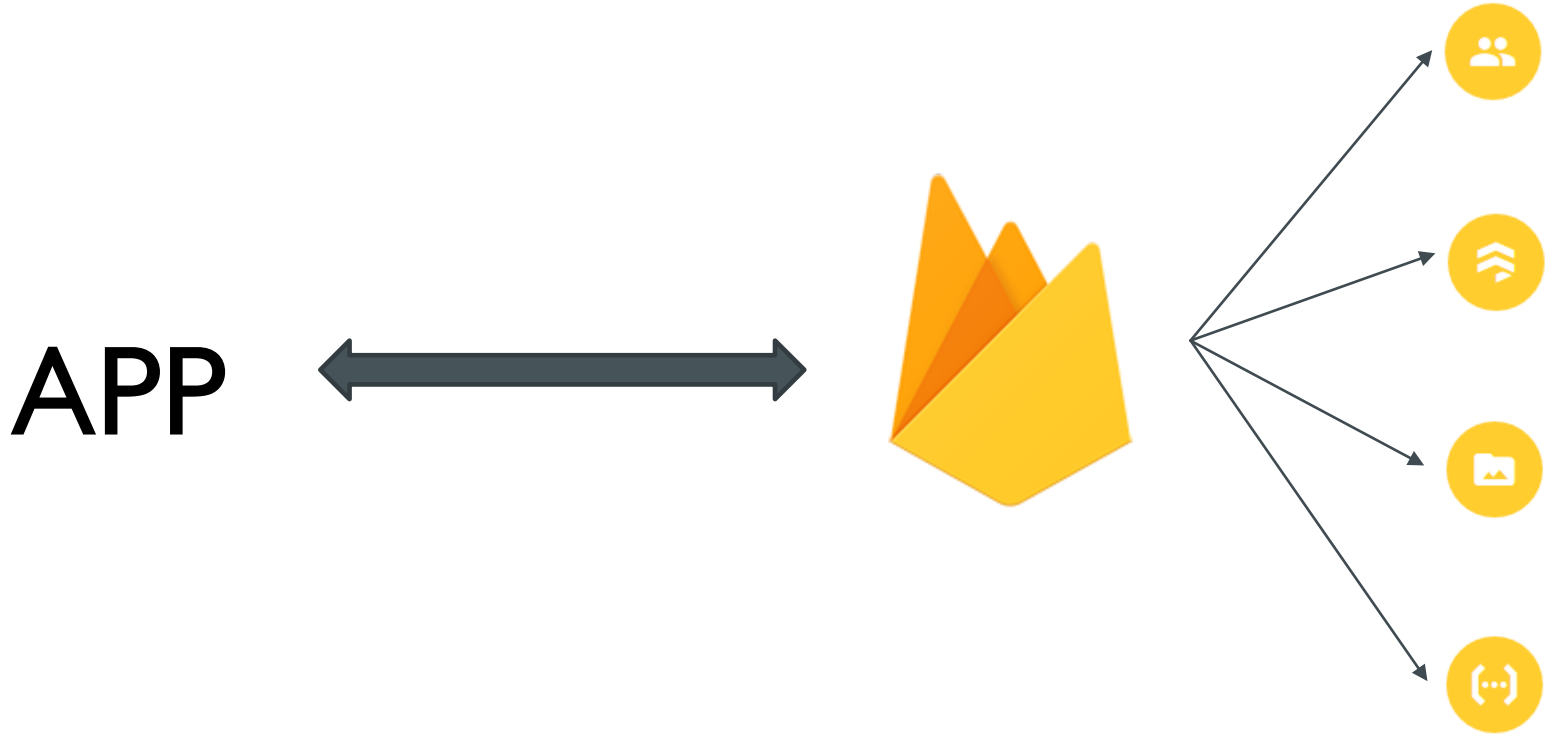
NEXI

BackOffice → Payments History
Cancel / Refund
Payments



NAVIGATION COMPONENT

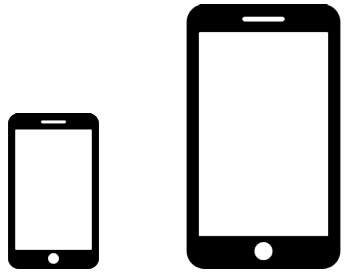
CLIENT-SERVER



DATABASE

- Users (name, lastname, email, ordersID, cartID, admin)
- Products (prodID, name, price, active, numReviews, ratingAcum, brandID, brandName, country, imgUrl)
- Brands (name, country, numActive, numTotal)
- Reviews (userID, userName, prodID, prodName, date, rating, text)
- Orders (userID, email)
  - ProductsPurchased (prodID, numUd)
  - MyOrders (tranID, date, address, success, total)
    - Products (prodID, prodName, numUd, price)
- Cart (userID)
  - Products (prodID, numUd)

TEST

Lollipop (5.0) ⟶ Q (10.0)

- AVD
- Personal devices
- Firebase Test Lab