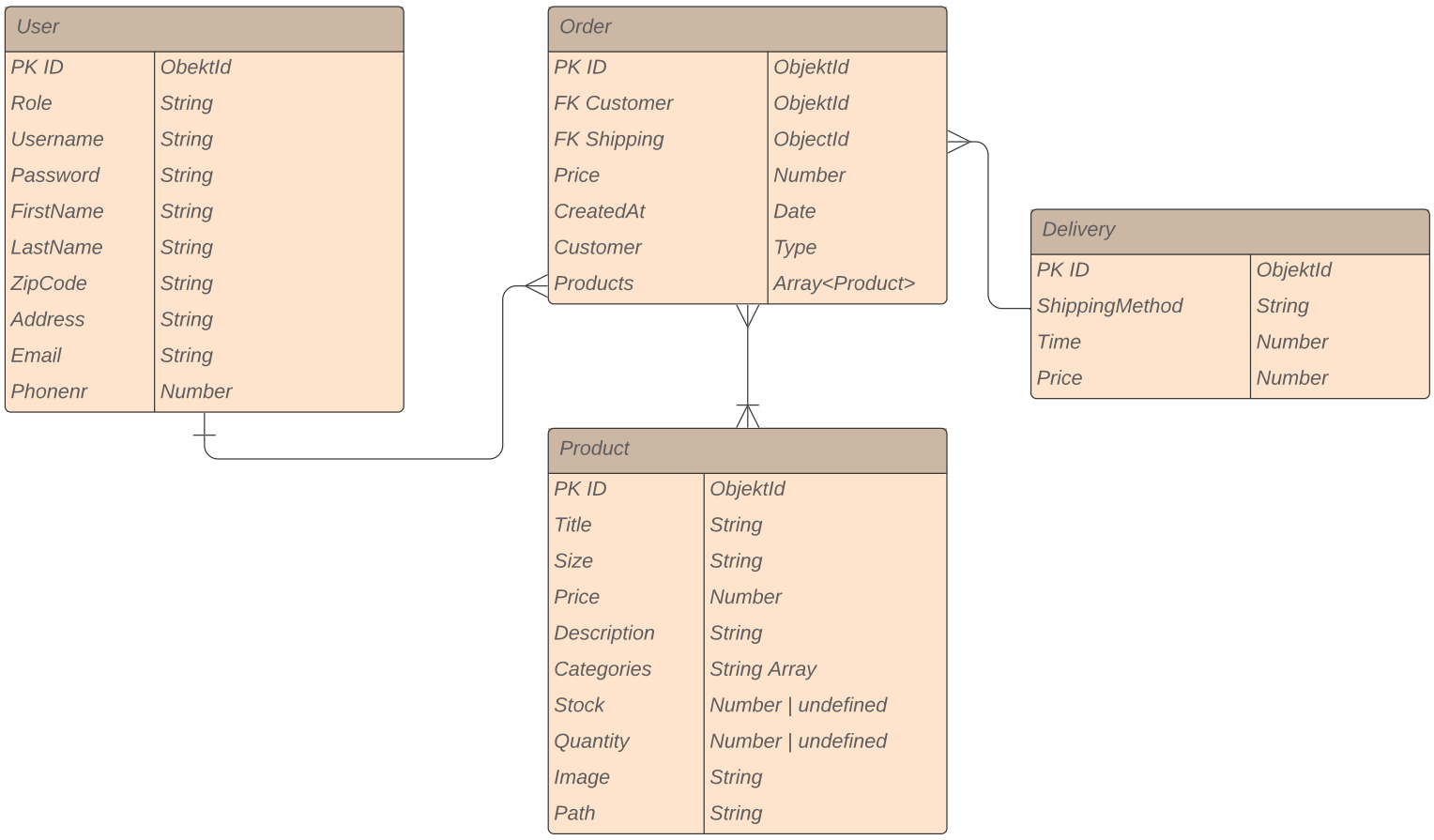
User
PK ID ObektId
Role String
Username String
Password String
FirstName String
LastName String
ZipCode String
Address String
Email String
Phonenr Number
Order
PK ID ObjektId
FK Customer ObjektId
FK Shipping ObjectId
Price Number
CreatedAt Date
Customer Type
Products Array<Product>
Delivery
PK ID ObjektId
ShippingMethod String
Time Number
Price Number
Product
PK ID ObjektId
Title String
Size String
Price Number
Description String
Categories String Array
Stock Number | undefined
Quantity Number | undefined
Image String
Path String

Presentation layer
Product router
router.get("/api/product")
router.get("/api/product/:id")
router.get("/api/product/categories",
router.put("/api/product/:id")
router.post("/api/product",)
router.delete("/api/product/:id")
Order router
router.get("/api/order")
router.get("/api/order/:id")
router.post("/api/order")
User router
router.get("/api/user")
router.post("/api/user/register")
router.post("/api/user/login")
router.post("/api/user/authenticate",
s)
router.delete("/api/user/logout")
Delivery router
router.get("/api/delivery")
router.post("/api/delivery")
s - secure, for logged in users
Business layer
Product controller
+updateProduct(req,res)
+getAllProducts(req,res)
+getProductById(req,res)
+createProduct(req,res)
+deleteProduct(req,res)
+getCategories(req,res)
Order controller
+createOrder(req,res)
+getAllOrders(req,res)
+getOrderById(req,res)
User controller
+loginUser(req,res)
+getAllUsers(req,res)
+authenticate(req,res)
+createUser(req,res)
+logoutUser(req,res)
Delivery controller
+createDelivery(req,res)
+getAllDeliveries(req,res)
Data layer
Product model
const mongoose = require("mongoose");
const productSchema = new mongoose.Schema({})
const ProductModel = mongoose.model("product", productSchema);
module.exports = ProductModel;
Order model
const mongoose = require("mongoose");
const orderSchema = new mongoose.Schema({})
const OrderModel = mongoose.model("order", orderSchema);
module.exports = OrderModel;
User model
const mongoose = require("mongoose");
const userSchema = new mongoose.Schema({})
const UserModel = mongoose.model("user", userSchema);
module.exports = UserModel;
Delivery model
const mongoose = require("mongoose");
const deliverySchema = new mongoose.Schema({})
const DeliveryModel = mongoose.model("delivery", deliverySchema);
module.exports = DeliveryModel;