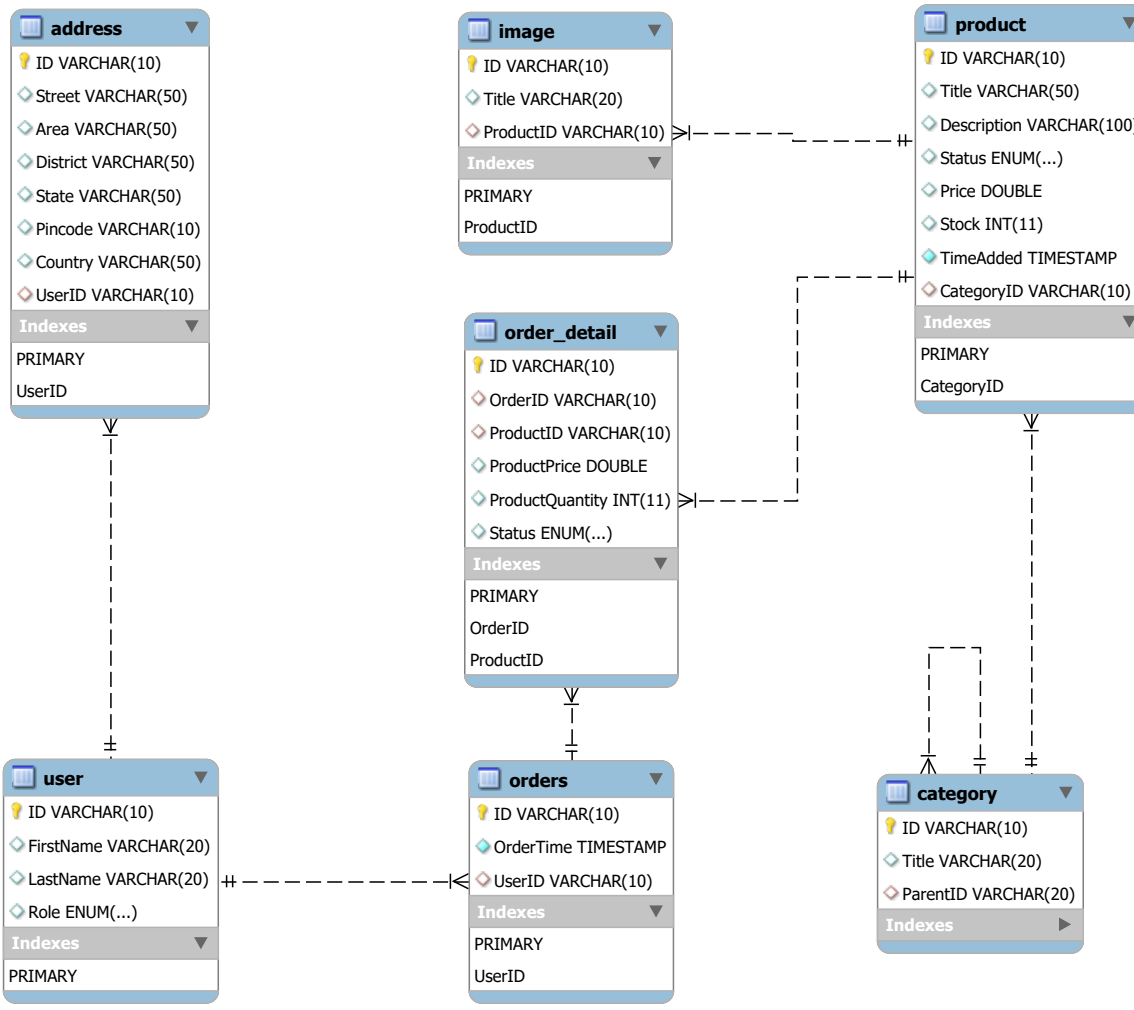
Assignment 01 : ERD - Entity Relationship Diagram



There is an Organization (StoreFront) that would like to go online for selling their products. We have the following information to build an application that meets the requirements:
Application contains many Products.
Categories will categorised the Products.
Categories can be nested.
A Product can fall into multiple Categories.
A Product can have one or more Images.
User can be a Shopper or Administrator.
Shopper can place an order having one or more products.
Shopper can shop only those products which are in stock.
Shopper can have multiple Shipping Addresses.
Independent items in an Order can be shipped, cancelled or returned.

Identify the participating entities.
Identify the relations.
Identify the key attributes.
Draw the E-R diagram for the problem.