

# Magazine Subscription App

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# Problem

- In real-world e-commerce applications:
  - The users need to be able to login their account or sign up for an account, view their data, and modify their data (i.e. profile, subscriptions, etc.)
  - The IT department such as admin personnel need to be able view and modify database records (i.e. lookup all customers or delete a user). Data analysts need to be able view insightful data of the users to analyze the users for analytics, machine learning, etc.



# Solution

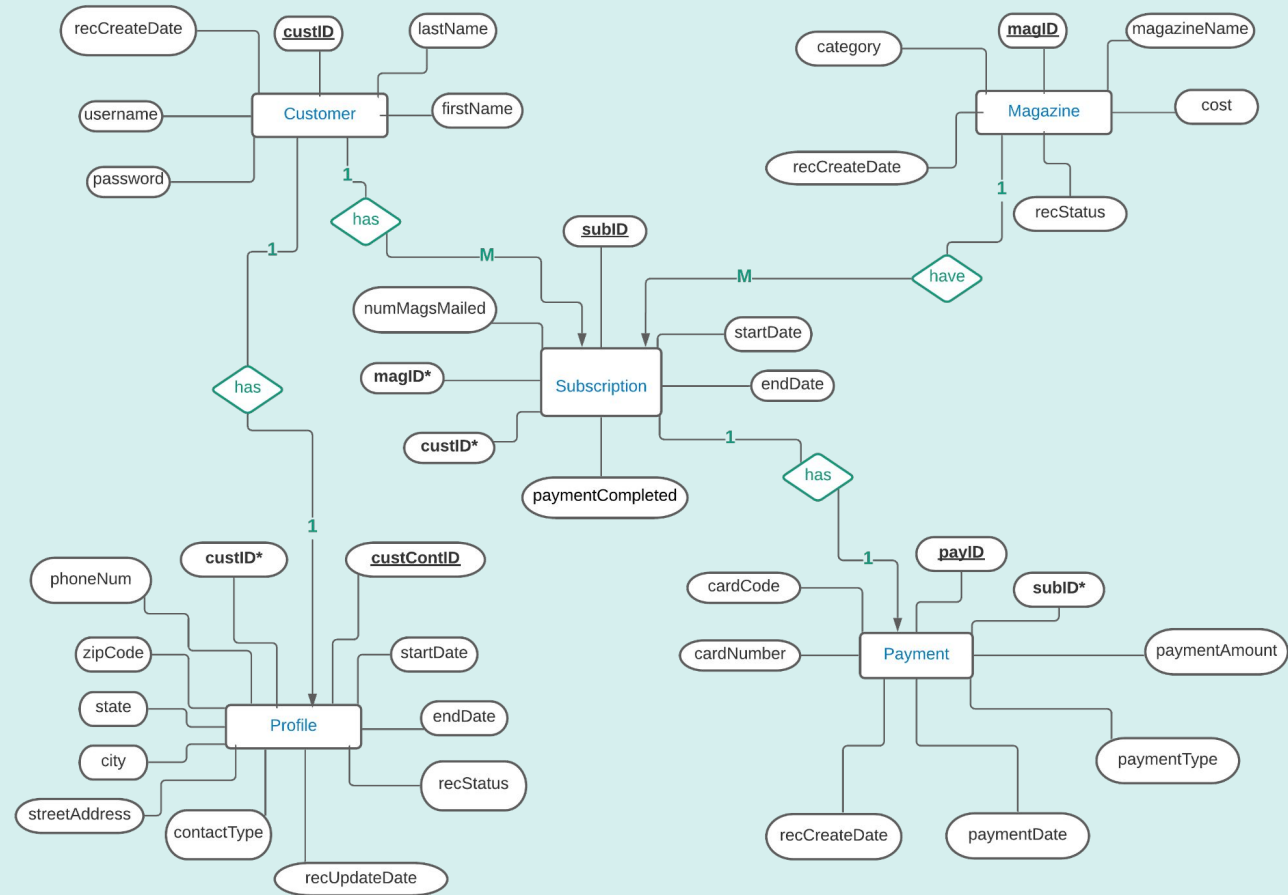
- The solution is to create an efficient, easy-to-use program that is bug-free, maintainable, and scalable. The goal is to create an application that holds to real world e-commerce application standards.
- Our final project is a magazine-subscription console application.
- The 2 types of users for the application:
  - 1) customers - who can login or signup to their accounts, and manage their magazine subscriptions.
  - 2) admin users - who can login to manage database records or perform various complex queries that can be used for analysis.



# ER Model

- 5 tables (schemas)

- Magazine
- Customer
- Profile
- Subscription
- Payment



# Demo!

