



JULY 9, 2024

# ECOMMERCE PROJECT PROPOSAL

HOOVERS CARDS

SHANDELL PENNEY

WEBD-3011: AGILE FULL STACK WEB DEVELOPMNENT

Diogo Iwasaki

## DESCRIPTION

Hoovers Cards opened on October 18, 2023. It is a local game shop that sells cards for games such as Pokémon, Lorcana and Magic the Gathering. They also sell board games, plushies, novelties and memorabilia for anime and other such games and shows. Due to the wide variety of products and games available, the target demographic is all-ages. Pokémon is geared toward younger people between 6-12 years, the toys and plushies also appeal to that group. Magic the Gathering is targeted toward teens up to middle-aged adults, and Lorcana and the board games are quite literally all-ages.

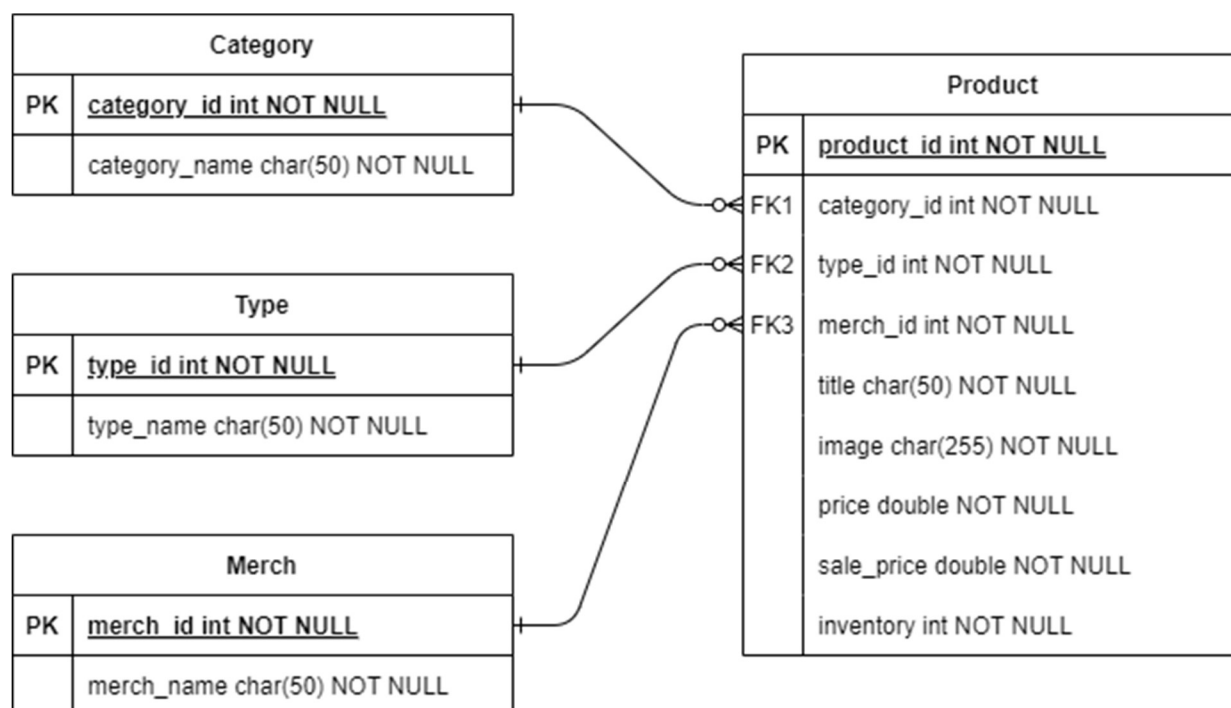
They have one paid employee and a few volunteers. Currently, items are sold in-person and online via the current website created with the Weebly website builder.

For this project to be accepted, the following criteria must be met:

- Full integration with Square for inventory tracking both online and in-store.
- Admin portal
  - Register and delete admin users
  - Delete users
  - Add, edit, delete inventory and sections
    - Title
    - Image
    - Price
    - Foil/Collectors/Limited/Extended/etc.
    - Display message when stock is low
    - Quantity box
    - Add to Cart
- Breadcrumb menu
- Sections displayed as grid
- Search results and filters displayed as grid
- Event calendar
- Location and map
- Store play
- About
- Contact
- User login
  - Expediting purchases
  - Sign up for store events and games
  - Update contact info, email address, payment info
  - Delete account

## DATABASE STRUCTURE

### INVENTORY DATABASE



### USER DATABASE

Users	
PK	<u>user_id</u> int NOT NULL
	admin int
	username char(50) NOT NULL
	email char(255) NOT NULL
	password char(255) NOT NULL
	salt char(255) NOT NULL