

# YuGiOh Deck Builder

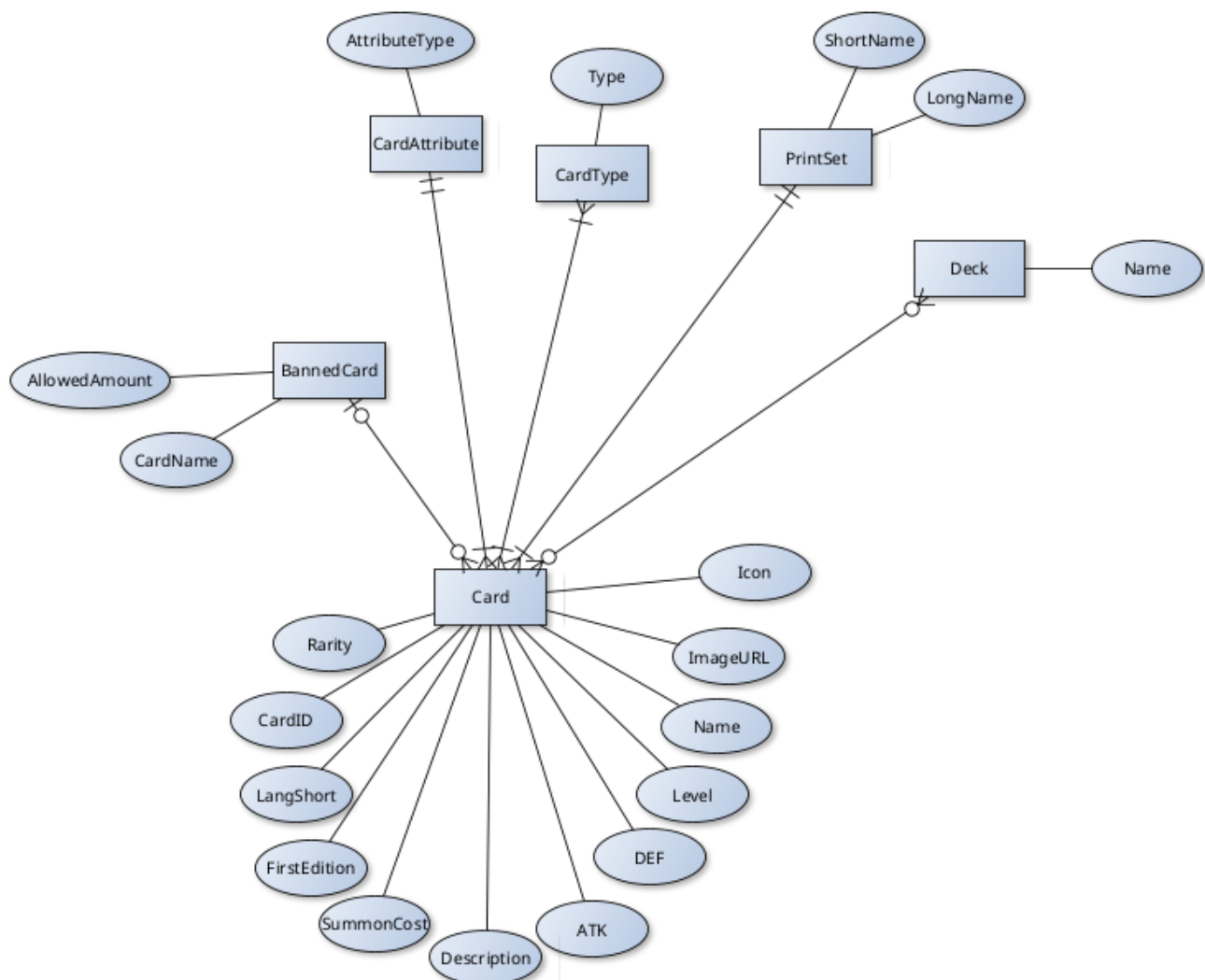
## Team Members

- **Elias Pühringer** (Project Leader)
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## Description

A basic DB that saves cards from the trading card game "**YuGiOh**" and can save Decks made out of those cards

## ERD



## Entities

### Card:

- **CardID**
  - ID given in PrintSet

- Rarity
  - Rarity of card in PrintSet
- LangShort
  - Language Abbriviation
- FirstEdition
  - Is the card a first edition card
- SummonCost
  - What are the costs to summon the card?
- Description
  - Description of card/Effect of card
- ATK
  - Attack of the card
- DEF
  - Defense of the card
- Level
  - Level of card in Stars
- Name
- ImageURL
  - URL to an image of the card
- Icon
  - Icon of the card (Is it a continuous spell card/counter trap card, ...)

**PrintSet:**

- ShortName
  - Short name given by Konami to the printset (e.g. MP22)
- LongName
  - Full name of the Print Set (e.g. 2022 Tin of the Pharaoh's Gods)

**Deck:**

- Name
  - Name given to deck by User

**CardType:**

- Type
  - What is the card (Does it have an Effect? -> Effect Type, Is it a Monster -> Monster Type (e.g. Zombie), Is it both -> Monster/Effect Card (e.g. Zombie/Effect))

**CardAttribute:**

- AttributeType
  - What is the Attribute of the card (e.g. Dark, Light, Divine...)

**BannedCard:**

- AllowedAmount
  - How many of the card is allowed in a deck (0, 1 or 2 (if the card isn't banned it is always 3))
- CardName

- Name of the banned card (doesn't go after PrintSet but CardName)

## Entity Relations

- Card manyToMany Deck (One card can be part of many decks and a deck can have multiple of one card)
- Card manyToOne PrintSet (In which Set was the card printed)
- Card manyToMany CardType (A card can have multiple types and a type can be assigned to multiple cards)
- Card manyToOne Attribute (A card can only have 1 Attribute and multiple cards can have the same attribute)
- Card manyToOne BannedCard (A card with a given name is banned)