

CS Games 2016



Dome Finances: Database Schema

Dome accounting Application - Database

Conventions

In this document, primary and foreign keys will undergo the following notation:

- Primary: PK_type
- Foreign: FK_table

Partners

You must create a table for partners.

The name “partners” is imposed.

This table must be composed of the following fields:

- partner_id: PK_Integer
- name: String
- address: String
- city: String
- postal_code: String
- faction: FK_factions
- unipersonal: Boolean
- email: String
- phone_number: String
- contact_name: String

Factions

A faction table is also necessary for the partners table to function properly.

It must be named “factions”.

This table must be composed of the following fields:

- faction_id: PK_Integer
- name: String

Transactions

A table for transactions is necessary to keep a history of the transactions officialized by the accountants secretaries of the Dome.

The name “transactions” is mandatory.

This table must be composed of the following fields:

- transaction_id: PK_Integer
- transaction_type: FK_trans_types
- partner: FK_partners
- amount: Decimal
- date: String formatted as YYYY-MM-DD
- due_date: String formatted as YYYY-MM-DD
- comments: String
- paid: Boolean

Transaction Types

A final table is necessary to hold the transaction types.
It must be named “trans_types”.

This table must be composed of the following fields:

- trans_type_id: PK_Integer
- name: String