Domain Driven Desing

Showcase: Hotel Room Prices API

Aggregates

Hotel → Room → CompetitorsPrice

CompetitorsPrice → Price
CompetitorsPrice → Date
Price → Currency
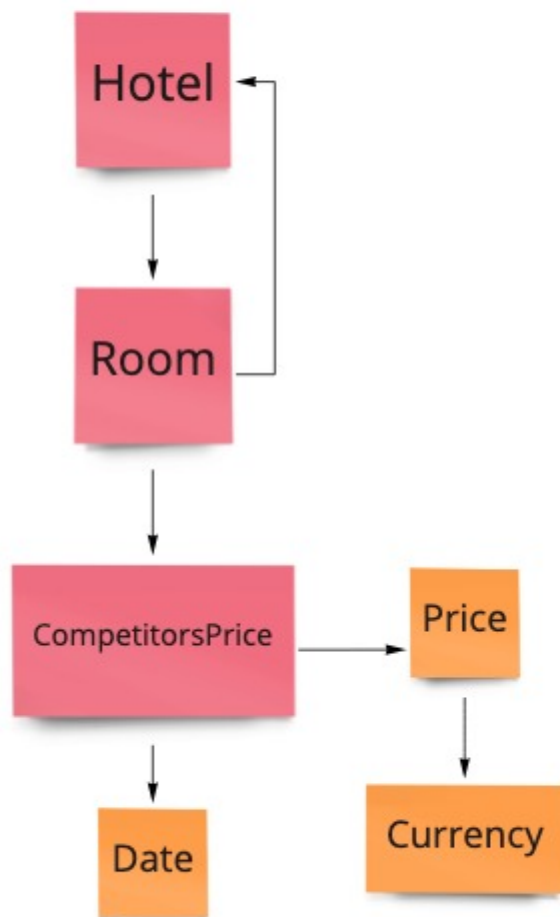
Models

Hotel

| id |
| name |
| city |
| state |
| remote_id |
| created_at |
| updated_at |
| rooms |

Room

| id |
| remote_id |
| name |
| type |
| bed_count |
| amenities |
| hotel |
| updated_at |

CompetitorPrice

| id |
| name |
| price |
| date |
| updated_at |
| room |
| hotel |

Value Objects

Currency

| name |
| amount |

Price

| amount |
| currency |
| tax |

Roles

| user |
| admin |

Currencies

| USD |
| MXN |

Periods

| 30 |
| 60 |
| 90 |

UseCases

Application Services

| GetHotelInsightsService |
| GetHotelMetricsService |
| PingHealthResourcesService |

Shared Services

| CreateUserService |
| LoginUserService |

Adapters

| GetCompetitorsPricesProvider |
| GetHotelsAdapter.ts |
| RemotePingServiceProvider |

Repositories

| CompetitorsPriceRepository |
| HotelRepository |
| UserRepository |

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