Relational Model

Role(<u>ID</u>(PK): int auto_increment, name: varchar(100))

User(<u>ID</u>(PK): int auto_increment, name: varchar(100), surnames: varchar(150), email: varchar(255), password: varchar(150), phone_number: varchar(15), birth_date: date, creation_date: date, role_ID(FK): int, status: bit)

UserRole(<u>userrole_ID</u>(PK): int auto_increment, user_ID(FK): int, role_ID(FK): int)

City(<u>ID</u>(PK):int, name: varchar(100))

Flight(<u>ID</u>(PK): int auto_increment, departure_date: date, arrival_date: date, origin_city(FK), destination_city(FK), status: bit)

Accommodation(<u>ID</u>(PK): int auto_increment, name: varchar(100), address: varchar(255), category: varchar(100), latitude: double, longitude: double, rating: int, city_ID(FK): int, status: bit)

Feature(<u>ID</u>(PK): int auto_increment, name: varchar(100))

AccomodationFeature(<u>accomodationfeature_ID</u>(PK): int auto_incremental, accommodation_ID(FK): int, feature_ID(FK): int)

Bargain(<u>ID</u>(PK): int auto_increment, title: varchar(100), image: varchar(255), price: double, description: varchar(250), expiration_date: date, outbound_flight(FK): int, return_flight(FK): int, accommodation_ID(FK): int, status: bit)

UserBargain(<u>userbargain_ID</u>(PK): int, user_ID(FK): int, bargain_ID(FK): int, bookmarked: bit, booked: bit)