Logical View diagram

Class diagram in package 'Logical View'

Logical View
Version 1.0
Yevhen Kuzmovych created on 21.03.2017. Last modified 21.03.2017
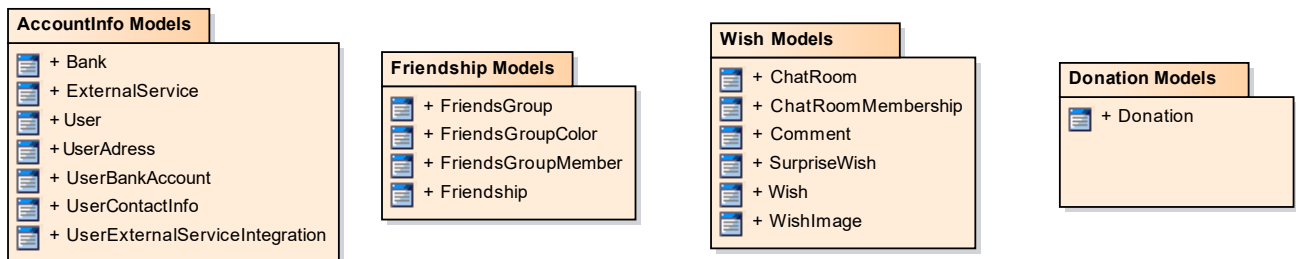
AccountInfo Models
- + Bank
- + ExternalService
- + User
- + UserAdress
- + UserBankAccount
- + UserContactInfo
- + UserExternalServiceIntegration

Friendship Models
- + FriendsGroup
- + FriendsGroupColor
- + FriendsGroupMember
- + Friendship

Wish Models
- + ChatRoom
- + ChatRoomMembership
- + Comment
- + SurpriseWish
- + Wish
- + WishImage

Donation Models
- + Donation

Figure 1: Logical View

AccountInfo Models diagram

Data Modeling diagram in package 'AccountInfo Models'

UserAdress

«column»
*pfK user_id: uuid
        country: varchar(100)
        city: varchar(100)
        street: varchar(100)
        house_number: varchar(100)
        google_maps_data: geometry_dump

«FK»
+   FK_Adress_User(uuid)

«index»
+   IXFK_Adress_User(uuid)

«PK»
+   PK_Adress(uuid)

(user_id = user_id)

User

«column»
*PK user_id: uuid
*   name: varchar(255)
*   surname: varchar(255)
        date_of_birth: date
*   email: varchar(255)
*   password: varchar(255)
        gender: char(1)
        place_of_birth: varchar(255)
        image: varchar(255)
*   date_created: date

«PK»
+   PK_User(uuid)

UserContactInfo

«column»
*pfK user_id: uuid
        mobile_phone: varchar(50)
        site: varchar(50)
        skype_username: varchar(50)

«FK»
+   FK_ContactInfo_User(uuid)

«index»
+   IXFK_ContactInfo_User(uuid)

«PK»
+   PK_ContactInfo(uuid)

(user_id = user_id)

UserBankAccount

«column»
*PK bankaccount_number: varchar(50)
*FK user_id: uuid
FK   bank_id: uuid

«FK»
+   FK_UserBankAccount_Bank(uuid)
+   FK_UserBankAccount_User(uuid)

«index»
+   IXFK_UserBankAccount_Bank(uuid)
+   IXFK_UserBankAccount_User(uuid)

«PK»
+   PK_UserBankAccount(varchar)

Bank

«column»
*PK bank_id: uuid
*   name: varchar(100)
*   code: varchar(50)
*   swift_code: varchar(50)

«PK»
+   PK_Bank(uuid)

UserExternalServiceIntegration

«column»
*pfK externalservice_id: uuid
*pfK user_id: uuid

«FK»
+   FK_ExternalServiceIntegration_ExternalService(uuid)
+   FK_ExternalServiceIntegration_User(uuid)

«index»
+   IXFK_ExternalServiceIntegration_ExternalService(uuid)
+   IXFK_ExternalServiceIntegration_User(uuid)

«PK»
+   PK_ExternalServiceIntegration(uuid, uuid)

ExternalService

«column»
*PK externalservice_id: uuid
*   name: varchar(50)
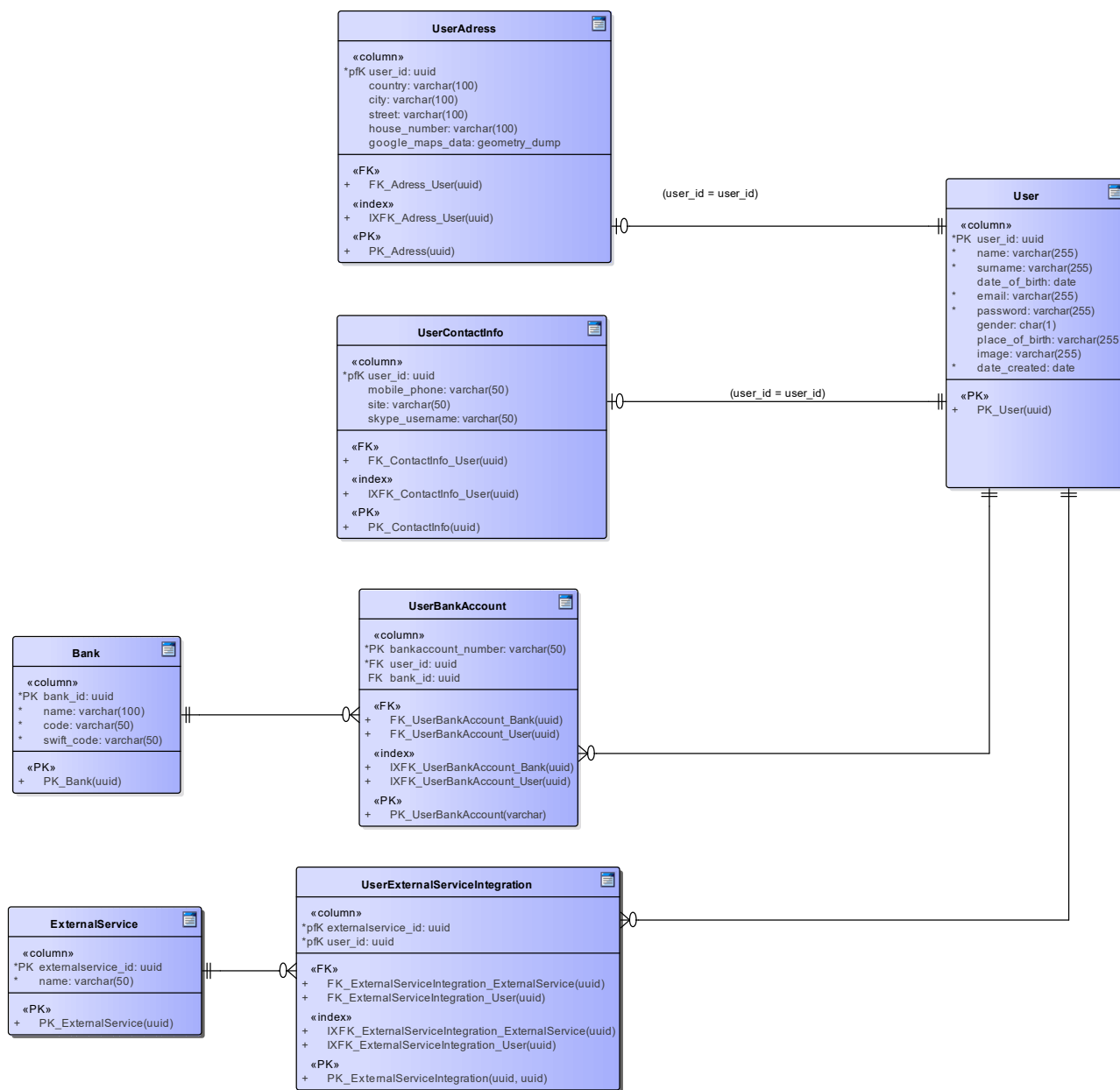
«PK»
+   PK_ExternalService(uuid)

Figure 2: AccountInfo Models

Donation Models diagram

Data Modeling diagram in package 'Donation Models'

Donation Models
Version 1.0
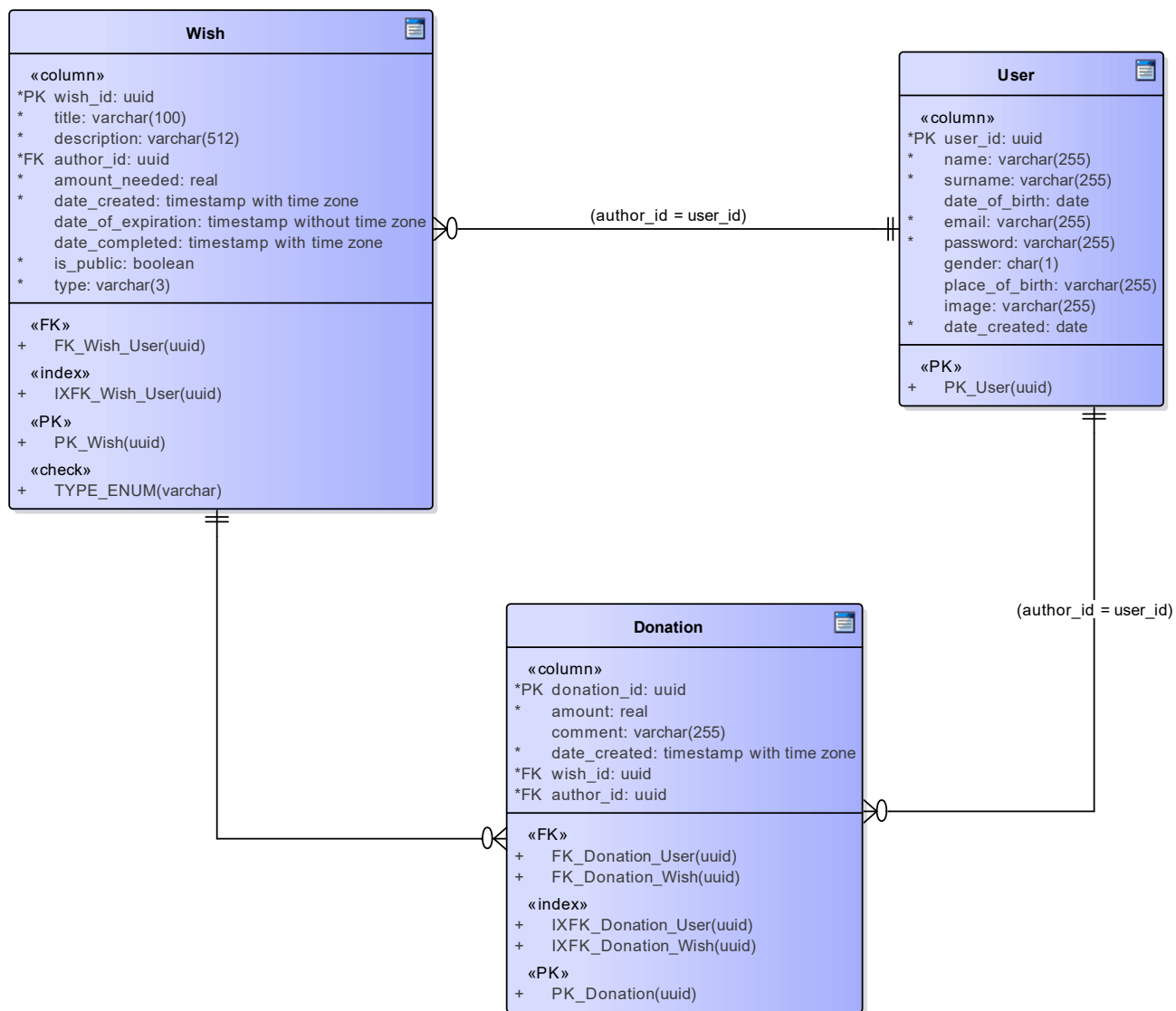Yevhen Kuzmovych created on 21.03.2017. Last modified 21.03.2017

Wish

«column»
*PK wish_id: uuid
*   title: varchar(100)
*   description: varchar(512)
*FK author_id: uuid
*   amount_needed: real
*   date_created: timestamp with time zone
     date_of_expiration: timestamp without time zone
     date_completed: timestamp with time zone
*   is_public: boolean
*   type: varchar(3)

«FK»
+   FK_Wish_User(uuid)

«index»
+   IXFK_Wish_User(uuid)

«PK»
+   PK_Wish(uuid)

«check»
+   TYPE_ENUM(varchar)

(author_id = user_id)

User

«column»
*PK user_id: uuid
*   name: varchar(255)
*   surname: varchar(255)
     date_of_birth: date
*   email: varchar(255)
*   password: varchar(255)
     gender: char(1)
     place_of_birth: varchar(255)
     image: varchar(255)
*   date_created: date

«PK»
+   PK_User(uuid)

(author_id = user_id)

Donation

«column»
*PK donation_id: uuid
*   amount: real
     comment: varchar(255)
*   date_created: timestamp with time zone
*FK wish_id: uuid
*FK author_id: uuid

«FK»
+   FK_Donation_User(uuid)
+   FK_Donation_Wish(uuid)

«index»
+   IXFK_Donation_User(uuid)
+   IXFK_Donation_Wish(uuid)

«PK»
+   PK_Donation(uuid)

Figure 3: Donation Models

Friendship Models diagram

Data Modeling diagram in package 'Friendship Models'

Friendship Models
Version 1.0
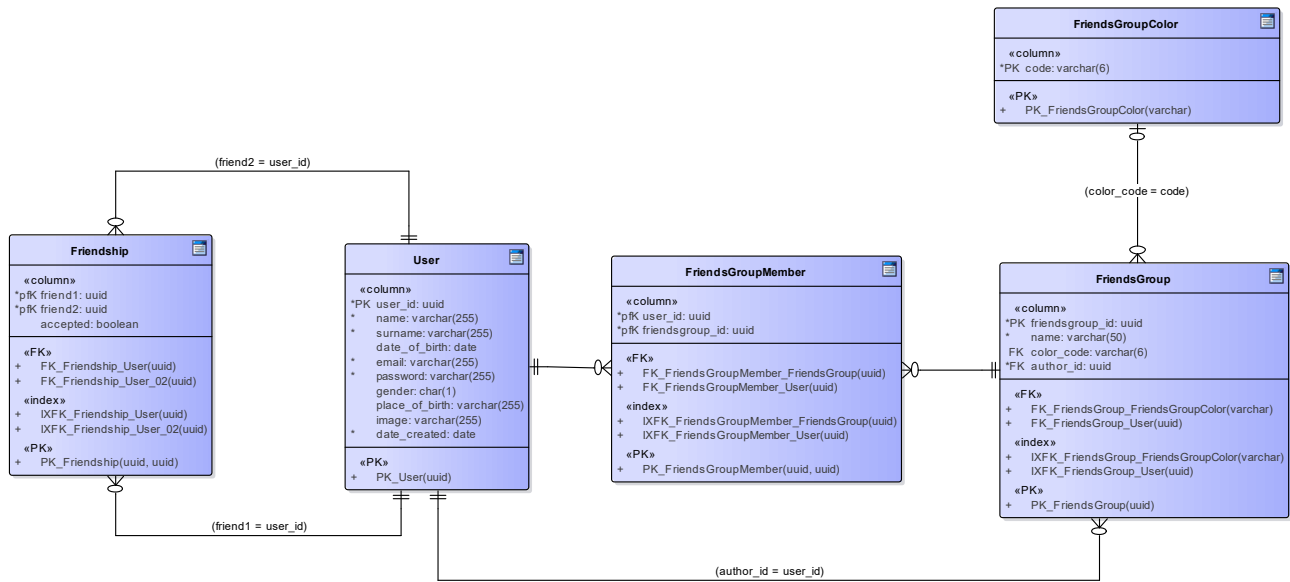Yevhen Kuzmovych created on 21.03.2017. Last modified 21.03.2017

Figure 4: Friendship Models

Wish Models diagram

Data Modeling diagram in package 'Wish Models'

<div align="right">
Wish Models
Version 1.0
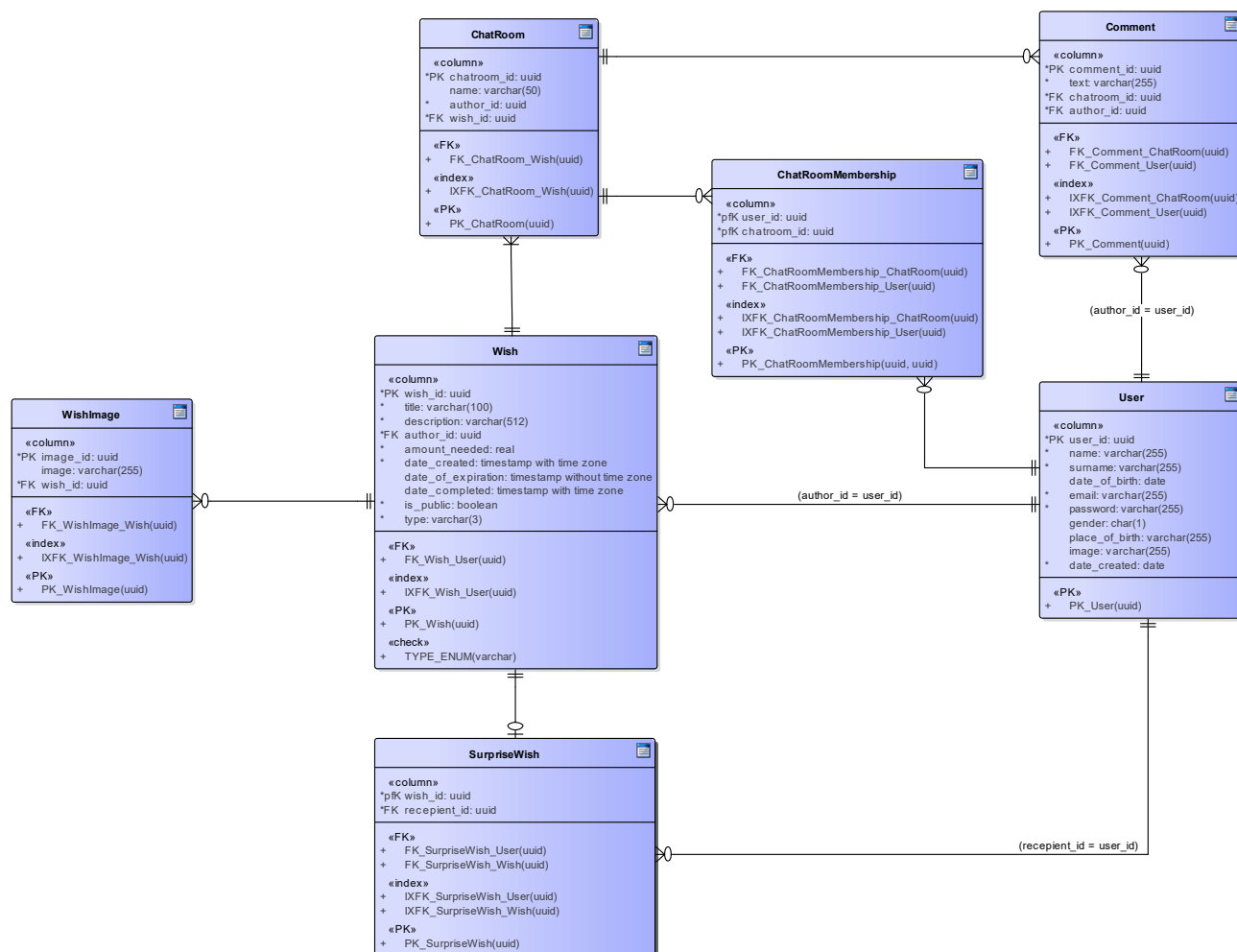Yevhen Kuzmovych created on 21.03.2017. Last modified 21.03.2017
</div>

Figure 5: Wish Models