**User**(username: String, password: String, join\_date: Date, bio: String, profilePicture: String)

**Follows**(follower: String, followee: String)

Foreign key (follower) references User(username)

Foreign key followee references User(username)

**Post**(ID: Integer, name: String, publish\_date: Date, short\_description: String, steps: String, difficulty: Float, time: Time, author: String)

Foreign key (author) references User(username)

**Photo**(postID: Integer, url: String)

Foreign key (postID) references Post(ID)

**Rate**(username: String, postID: Integer, value: Integer)

Foreign key (username) references User(username)

Foreign key (postID) references Post(ID)

**User\_Likes**(username: String, postID: Integer)

Foreign key (username) references User(username)

Foreign key (postID) references Post(ID)

**Bookmark**(username: String, postID: Integer)  
Foreign key (username) references User(username)

Foreign key (postID) references Post(ID)

**Comment**(author: String, postID: Integer, textual\_content: String, date: Datetime)  
Foreign key (username) references User(username)

Foreign key (postID) references Post(ID)

**Tag**(tag\_name: String)

**Has\_Tag**(postID: Integer, tag\_name: String)

Foreign key(postID) references Post(ID)

Foreign key (tag\_name) references Tag(Tag\_Name)

**Ingredient**(ingredient\_name: String)

**Contains\_Ingredient**(postID: Integer, ingredient\_name: String, value: Float, unit: String)

Foreign key(postID) references Post(ID)

Foreign key (ingredient\_name) references Ingredient(ingredient\_name)