

**Users:**

User\_id → Gender,  
User\_id → DOB,  
User\_id → Password.  
User\_id → City,  
User\_id → Province,  
User\_id → Photo\_id  
DOB, Name, City, Province → Gender, Sexual Orientation, Password, Photo\_id  
Photo\_id → User\_id

**Outside Companies:**

ID\_Number → Rating,  
ID\_Number → Company\_Name,  
ID\_Number → Locations  
Company\_Name, Locations → Rating

**Administration:**

Admin\_ID → Password

**Matches:**

There are no functional dependencies for the matches table because it only contains one attribute (the Match\_ID)/

**Messages:**

Message\_ID→Time,  
Message\_ID→Month,  
Message\_ID→Day,  
Message\_ID→Year

**Paid User:**

User\_ID → Cardholder\_Name,  
User\_ID → Card\_Number,  
User\_ID → CVV,  
Cardholder\_Name, Card\_Number → CVV,  
Cardholder\_Name, Card\_Number, CVV → DOB, Name, City, Province, Gender, Sexual Orientation, Password, Photo\_id

**Date**:

Date\_ID → Date\_Number,  
Date\_ID → Location,  
Date\_ID → Time,  
Date\_ID → Date  
Location, Time, Date → Date\_Number

**Monitors**(1-N):

User\_ID → Admin\_ID

**Deletes**(1-N):

User\_ID → Admin\_ID

**Send**(1-N):

Message\_ID → Match\_ID

**GoOn** (1-N):

Match\_ID → Date\_ID