Final Project Data Dictionary

## Users

Holds information about users

id:  
 primary key, serial

email:  
 user’s email address, varchar

password:  
 user’s password, varchar

first\_name:  
 user’s first name, varchar

last\_name:  
 user’s last name, varchar

street\_address:  
 user’s street address, varchar

city:  
 user’s city, varchar

state:  
 user’s state, varchar

zip\_code:  
 user’s zip code, numeric

## Company

Holds information about companies

id:  
 primary key, serial

name:  
 name of company, varchar

contact:  
 name of contact person for company, varchar

contact\_tel:  
 contact’s telephone number, numeric

contact\_email:  
 contact’s email address, varchar

url:  
 company’s website url, candidate key, varchar

## Item

Holds information about items

id:  
 primary key, serial

type:  
 service or product, varchar

name:  
 name of item, varchar

description:  
 short description of item, varchar

price:  
 price of item, money

picture:  
 file path to an image of the item, text

## Discount

Holds information about discounts

id:  
 primary key, serial

type:  
 example include: freebie, percentage coupon, fixed coupon, etc. varchar

amt:  
 discount amount as string, varchar

description:  
 short description of the discount, varchar

start\_date:  
 date that the discount started, date

end\_date:  
 date that the discount ended, date

## User\_interests

Holds information about a user’s interests

id:  
 primary key, foreign key: id from users, int

interest:  
 primary key, a user’s interest, varchar

## User\_co\_preference

Holds information about which companies a user prefers

user\_id:  
 primary key, foreign key: id from users, int

preference\_co\_id:  
 primary key, foreign key: id from company, int

## User\_item\_preference

Holds information about which items a user prefers

user\_id:  
 primary key, foreign key: id from users, int

item\_id:  
 primary key, foreign key: id from item, int

## User\_loc\_preference

Holds information about which locations a user prefers

id:  
 primary key, foreign key: id from users, int

city:  
 user’s preferred city, varchar

state:  
 user’s preferred state, varchar

## Company\_location

Holds information about where a company is located

co\_id:  
 foreign key: id from company, int

loc\_id:  
 primary key, serial

street\_address:  
 company’s street address, varchar

city:  
 company’s city, varchar

state:  
 company’s state, varchar

zip\_code:  
 company’s zip code, numeric

tel:  
 company’s telephone number, numeric

## Company\_item

Holds information about which items a company sells and if they’re discounted

co\_id:  
 primary key, foreign key: id from company, int

item\_id:  
 primary key, foreign key: id from item, int

is\_discounted:  
 is the item discounted, Boolean

discount\_id:  
 foreign key: id from discount, int

## User\_company\_review

Holds information about user reviews of a particular company

co\_id:  
 primary key, foreign key: id from company, int

user\_id:  
 primary key, foreign key: id from users, int

rating\_score:  
 rating given by user scoring a company, numeric

comments:  
 comments left by the user, text

## User\_checkin

Holds information about a user’s checkin

checkin\_id:  
 primary key, serial

checkin\_date:  
 date the user can checkin, date

user\_id:  
 foreign key: id from users, int

co\_id:  
 foreign key: id from company, int

item\_id:  
 foreign key: id from item, int

discount\_id:  
 foreign key: id from discount, int

## Employee

Holds information about employees

id:  
 primary key, serial

email:  
 employee’s email address, candidate key, varchar

first\_name:  
 employee's first name, varchar

last\_name:  
 employee's last name, varchar

job\_category:  
 employee's job category, varchar

salary:  
 employee's salary, money

start\_date:  
 start date of employment, date

street\_address:  
 employee's street address, varchar

city:  
 employee's city, varchar

state: