User(<u>userID</u>:INT [PK], name:VARCHAR(50), email:VARCHAR(50), phone\_number:INT)

ArchiveParty(partyID:INT [PK], userID:INT [PK][FK to User.userID], partyName:VARCHAR(50), address:VARCHAR(50), tags:VARCHAR(20) ARRAY[10], description:VARCHAR(100), capacity:INT, startTime:DATE, endTime:DATE)

ActiveParty(partyID:INT [PK], userID:INT [PK] [FK to User.userID], partyName:VARCHAR(50), address:VARCHAR(50), tags:VARCHAR(20) ARRAY[10], description:VARCHAR(100), capacity:INT, startTime:DATE, endTime:DATE)

Ratings(<u>ratingID</u>:INT [PK], <u>userID</u>:INT [PK] [FK to User.userID], safety:INT, fun:INT)

RSVP(<u>id</u>:INT [PK], <u>partyID</u>:INT [PK] [FK to ActiveParty.partyID], <u>userID</u>:INT [FK to User.userID], Ratings We believe that each rating PK response:VARCHAR(20)) <u>ratingID</u> Following(<u>id</u>:INT [PK], <u>userID</u>: INT [FK to User.userID], <u>followsID</u>: INT [FK to User.userID])

will only have one user and one user can have multiple ratings safety fun rates A user can follow multiple people, but a following list can only belong 1..1 to one user ArchiveParty User Following <u>partyID</u> <u>userID</u> <u>id</u> 1..1 0..\* 1..1 partyName name userID address email followsID tags phone\_number description capacity 1..1 startTime endTime \_hosting. An ArchiveParty can have only one user but a user can have multiple archived ActiveParty parties <u>partyID</u> RSVP partyName An ActiveParty can have only one user id RSVP'S toand a user can have only one address userID 1..1 active party tags response description An RSVP can only be linked to capacity one party and a party can have many RSVPs startTime

endTime