

- 1. uses (uses Id, follName, nickName, emailId, age, city, state, country)
 uses Id is the primary key.
 location is a composite key comprising city, state, country
 follName, nickName, email Id, age are simple, stored, singlevalued attributes
 followed by, follows are multivalued attributes and are thus,
 specified using two different tables.
- 2. User followed By (<u>vserId</u>, followed By)

 UserId is a foreign key referencing user

 UserId and followed By together make the primary key
- 3. User-follows (<u>UserId</u>, follows)

 UserId is a foreign key referencing user

 UserId and follows together make the primary key.
- 4. public mensages (+weet Id, +weet Text, longitude, latitude, hash tags, date time)

 table constraint hash Tags must start with '#' followed by tag

 user Id is a foreign key referencing user.

 tweet Id is the primary key

 tweet Text, hash Tags, date Time are simple, single-valued, stored

 attributes

 location is a composite attribute comprising longitude, latitude
- 5. private-mensages (userIdR, userIdS, date Time, mensage)
 userIdS, a a foreign key referencing user(userId)
 userIdR, userIdS, dateTime together are the primary key.
 mensage is simple, single-valued, stured attribute
- 6. reposts (<u>userId</u>, <u>tweetId</u>)

 userId is a foreign key referencing user.

 tweetId is a foreign key referencing public-mensages

 userId, tweetId together one the primary key.