

Schema - Synergy Space

Relations:

- Users (username, password, name, email, type, occupation, birthdate, gender, homeaddress, phonenumber)
- Building(b_id, n_id, address, city, country, capacity, worknumber)
- Feedback(f_id, b_id, subject, rater, feedback_rating, comments)
- BuildingRating(r_id, b_id, username, building_rating, comments)
- NetWork(n_id, username)
- Owns(owner, b_id)
- Renting(username, b_id, monthlength)
- Listed(bID, owner, startPrice, datePosted)

INTEGRITY CONSTRAINTS:

Feedback[subject] \subseteq User[username]
Feedback[rater] \subseteq User[username]
BuildingRating[username] \subseteq User[username]
Network[username] \subseteq User[username]
Renting[username] \subseteq User[username]
Listed[owner] \subseteq User[username]

Feedback[bID] \subseteq Building[bID]
BuildingRating[bID] \subseteq Building[bID]
Owns[bID] \subseteq Building[bID]
Renting[bID] \subseteq Building[bID]
Listed[bID] \subseteq Building[bID]

User[type] = {owner, tenant}

Feedback[Rating] = {0~10}
Building[Rating] = {0~10}