

NSN-ERR Relational Schema

- member(username, first_name, last_name, rate, number, postal_code, street_name, banned_by, password)
member.number references house.number
member.postal_code references house.postal_code
member.street_name references house.street_name
member.banned_by references NSN_administrator.admin_id
- event(event_id, name, description, is_public, username)
event.username references member.username
- public_event(event_id)
public_event.event_id references event.event_id
Constraint: public_event is a predicate_defined relation : event.is_public
- private_event(event_id)
private_event.event_id references event.event_id
Constraint: private_event is a predicate_defined relation : event.is_public
- group(group_id, creator_id)
group.creator_id references member.username
- post(post_id, content, up_loader, group_id)
post.up_loader references member.username
post.group_id references group.group_id
- NSN_administrator(admin_id, name)
- supply(request_num, name, description, price, username)
supply.username references member.username
- service(request_num, start_time, end_time)
service.request_num references supply.request_num
- item(request_num)
item.request_num references supply.request_num
- house(number, postal_code, street_name, capacity)
- messages(time, message_content, sender, receiver)
messages.sender references member.username
messages.receiver references member.username
- reports(reporter, reported)
reports.reporter references member.username
reports.reported references member.username
- adds(adder, added, status)
adds.adder references member.username
adds.added references member.username
- likes(post_id, username)
likes.post_id references post.post_id
likes.username references member.username

- comments(post_id, username, comment_content, time)
 comments.post_id references post.post_id
 comments.username references member.username
- posts(post_id, username)
 posts.post_id references post.post_id
 posts.username references member.username
- rates(rater, rated, value)
 rates.rater references member.username
 rates.rated references member.username
- joins(group_id, username, status, is_admin)
 joins.group_id references group.group_id
 joins.username references member.username
- invited(username, event_id, status)
 invited.username references member.username
 invited.event_id references event.event_id