User(user\_id, user\_name, password, fname, mname, lname, DoB, time\_joined, dp\_id)

FriendOf(user\_1, user\_2)

MemberOf(group\_id, member\_id, access)

Group(group\_id, group\_name, intro, time\_created, group\_photo\_id)

Post(post\_id, p\_text, time\_posted, upvote, poster\_id, parent\_post\_id, subject\_id, group\_id) (added group\_id FK here to reduce query complexity)

Notice(post\_id, validity)

Query(post\_id, replies)

AssignedTo(post\_id, user\_id)

Subject(subject\_id, subject\_name, parent\_group\_id)

Tag(tag\_id, tag\_name)

TagFallsUnder(tag\_id, subject\_id)

PostRelatedTo(tag\_id, post\_id) //renamed from TagRelatedTo to PostRelatedTo

Message(message\_id, m\_text, time, sender\_id, receiver\_id)

GroupMessage(message\_id, group\_id)

Event(event\_id, created, happen\_time, title, subject\_id) //this subject\_id FK was added upon instruction

Assignment(event\_id, assignment\_title, question\_id, subject\_id)

Content(content\_id, content\_type, content\_name, access, link, time\_created, owner\_id)

Picture(content\_id, image\_format, dimension, resolution)

File(content\_id, file\_format, last\_modified)

Question(question\_id, instructor, question\_type, course, year, q\_text, content\_id) // added q\_text

Solution(question\_id, s\_text, upvote, content\_id)

Poll(poll\_id, title, create\_time, group\_id)

PollOption(poll\_id, option\_no, description, votecount)

hasVoted(user\_id, poll\_id, vote\_time) //added upn instruction