ECE 356 Project (Social Network) ERD

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Group_Member

FK	groupID	INT
FK	memberID	INT

Becomes

Person

PK	userID	INT
	firstName	VARCHAR(30)
	lastName	VARCHAR(30)
	birthDate	DATE
	lastReadFeedAt	TIMESTAMP

Subscribes

Following

FK	userID	INT
FK	topicID	INT

Belongs in

Friend_Group

PK	groupID	INT
	name	VARCHAR(30)

Creates

If topic has nested topics, pull all posts from all those nested topics as well

All topicIDs between lft and rgt range will be returned (children of node)
Books: topicID=3, lft=1, rgt=5
Fiction: topicID=2, lft=2, rgt=3

Nested_Topic

PK	topicID	INT
	name	VARCHAR(30)
	lft	INT
	rgt	INT

Response

FK	responseID	INT
FK	parentPostID	INT

Contains

Post

PK	postID	INT
FK	userID	INT
FK	topicID	INT
	createdAt	DATE
	postText	VARCHAR(255)

Contains

Engagement

FK	userID	INT
FK	postID	INT
FK	isThumbsUp	BOOL