UML Class Diagram

Datatypes:

<<datatype>>	<<datatype>>	<<datatype>>	<<datatype>>	<<datatype>>
CONFIRMATION_STATUS	Photo	REQUEST_STATUS	POST_TYPE	TimeStamp

Invitation
- eventAcceptanceStatus : CONFIRMATION_STATUS
- invitedOn : TimeStamp

Event
- title : String
- description : String
- time : TimeStamp
- place : String

FriendsWith
- requestStatus : REQUEST_STATUS
- blockedStatus : Boolean
- friend_request_sent : TimeStamp
- friend_request_accepted : TimeStamp

User
- firstName : String
- email : String
- password : String
- dob : Date
- phoneNumber : Integer
- lastName : String
- place : String
- currentProfilePic : Photo
- currentCoverPic : Photo
- secretQuestion : String
- secretAnswer : String
- created : TimeStamp

Post
- text : String
- updated : TimeStamp
- type : POST_TYPE
- created : TimeStamp
- like_count : Integer

Organization
- name : String
- from : Date
- to : Date
- position : String

Comment
- text : String
- created : TimeStamp
- updated : TimeStamp
- like_count : Integer

Institute
- name : String
- from : Date
- to : Date
- hasGraduated : Boolean
- description : String

Conversation

Message
- text : String
- read_status : Boolean
- sent_at : Timestamp

Relationships / labels:
- invitationOf — 1 / 1
- creates — 1 / 0..*
- recievesPost — 0..*
- posts
- Liked — 0..* / 0..*
- worksFor — 0..* / 1
- Liked — 0..* / 0..*
- consistsOf — 1..* / 0..*
- studiedAt — 0..* / 1
- Comments — 1 / 0..*
- participates — 2...* / 0..*
- owns — 1 / 0..*
- sends — 1 / 0..*
- has — 1 / 1..*
- 0..* (Invitation–User)