



VOLGENAU SCHOOL OF ENGINEERING

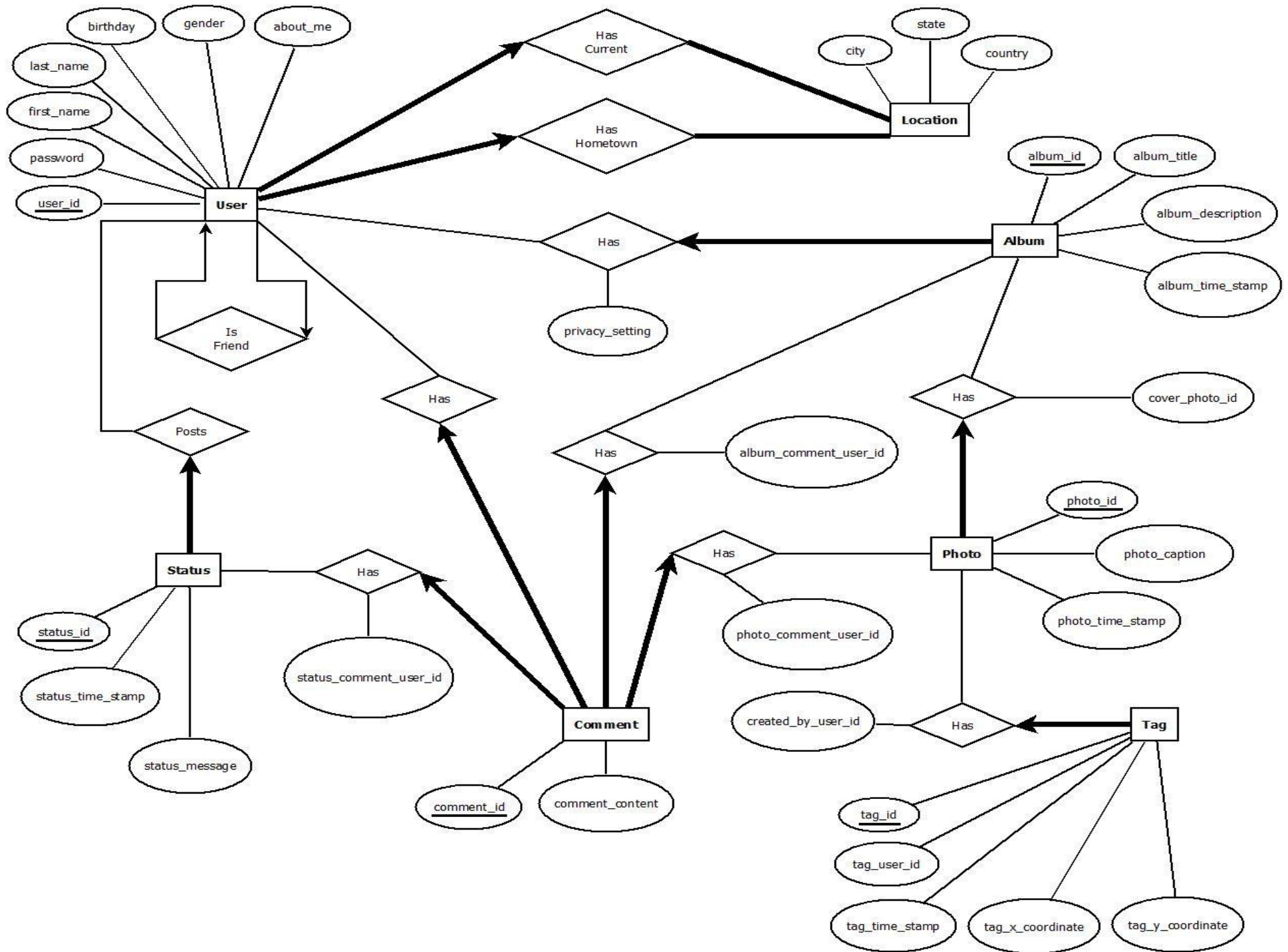
Department of Computer Science

INFS 614 – DATABASE MANAGEMENT

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PROJECT PHASE 1

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Assumptions listed as per the entities

User	<ul style="list-style-type: none">• User A is friend with User B if and only if User B is also friends with User A.• A user has exactly one current location• A user has exactly one home town location• A user posts many statuses• A user can have many albums• A user can have many comments (that could be associated to photos, albums or statuses)
Location	<ul style="list-style-type: none">• For a location to exist in database, it must have at least one user associated with it
Status	<ul style="list-style-type: none">• A status in the database can belong to exactly one user (each statuses made by users are unique)• A status can have many comments
Album	<ul style="list-style-type: none">• An album belongs to only one user• An album can have many photos• An album can have many comments
Photo	<ul style="list-style-type: none">• A photo can belong to only one album• A photo can have many tags• A photo can have many comments
Comment	<ul style="list-style-type: none">• A comment in the database can belong to only one user• A comment in the database belongs to only one status/photo/album
Tag	<ul style="list-style-type: none">• A tag can belong to only one photo