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FACULTY OF SCIENCE AND TECHNOLOGY  
  
ACADEMIC YEAR 2019  
SEMESTER 2  
  
 COMP3161 “Introduction to Database Management System”

Group Members:

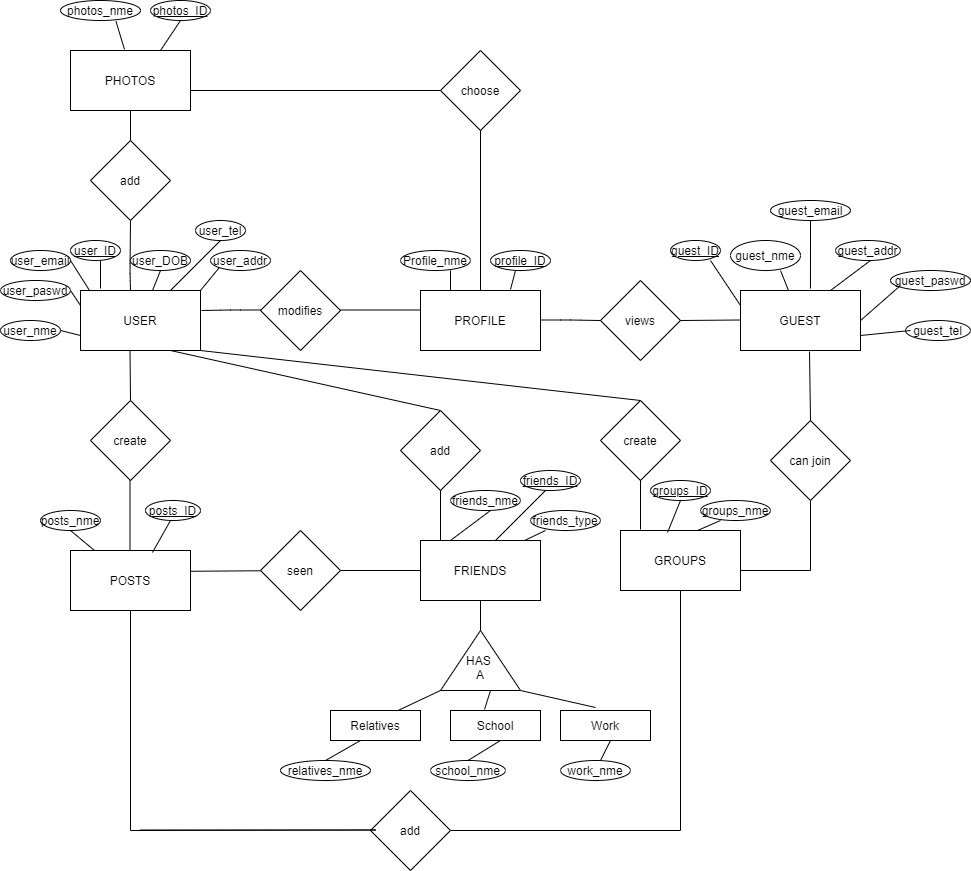
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Date Due: May 7, 2020

**Social Networking ER-Diagram**



Un – Normalised Tables

User( user\_ID, user\_DOB, user\_nme, user\_paswd, user\_email, user\_addr, user\_tel).

Photos( photos\_ID, photo\_nme).

Profile( profile\_ID, profile\_nme).

Guest( guest\_ID, guest\_nme, guest\_email, guest\_addr, guest\_paswd, guest\_tel).

Posts( posts\_ID, posts\_nme).

Friends( friends\_ID, friends\_nme, friends\_type).

Relatives( friends\_ID, relatives\_nme).

School( friends\_ID, school\_nme).

Work(friends\_ID, work\_nme).

Normalised Tables

User(user\_id, user\_dob, user\_f\_nme, user\_l\_nme, user\_paswd, user\_email, user\_addr)

Telephone(user\_id, user\_tel, profile\_id)

Photos(photo\_id, photo\_nme, profile\_id, user\_id)

Profile(profile\_id, profile\_nme, user\_id, guest\_id, photo\_id)

Posts(posts\_id, post\_nme, user\_id, friends\_id, groupd\_id)

Guests(guest\_id, guest\_nme, guest\_email, guest\_addr, guest\_paswd, profile\_id, groups\_id)

Groups(group\_id, group\_nme, guest\_id, user\_id, post\_id)

Friends(friend\_id, friend\_f\_nme, friend\_l\_nme,friend\_typr\_id, post\_id, user\_id)

Friend Type(friend\_id, friend\_type\_id, friend\_type)

**Data Dictionary**

**User**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Field Size** | **Description** | **Example** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Telephone

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Field Size** | **Description** | **Example** |
|  |  |  |  |  |
|  |  |  |  |  |

Photos

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Field Size** | **Description** | **Example** |
|  |  |  |  |  |
|  |  |  |  |  |

Profile

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Field Size** | **Description** | **Example** |
|  |  |  |  |  |
|  |  |  |  |  |

Posts

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Field Size** | **Description** | **Example** |
|  |  |  |  |  |
|  |  |  |  |  |

Guests

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Field Size** | **Description** | **Example** |
|  |  |  |  |  |
|  |  |  |  |  |

Groups

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Field Size** | **Description** | **Example** |
|  |  |  |  |  |
|  |  |  |  |  |

Friends

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Field Size** | **Description** | **Example** |
|  |  |  |  |  |
|  |  |  |  |  |