Databases I, Winter term 2018-2019
IEgypt Relational Schema

- User (<u>ID</u>, email, first_name, middle_name, last_name, birth_date, age, password)
  Where User.age = current_date - User.birth_date

- Viewer (<u>ID</u>, working_place, working_place_type, working_place_description)

  Viewer.username references User

- Notified_Person (<u>ID</u>)

- Contributor (<u>ID</u>, years_of_experience, portfolio_link, specialization, notified_id)
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  Contributor.ID references User
  Contributor.notified_id references Notified_Person

- Staff (<u>ID</u>, hire_date, working_hours, payment_rate, total_salary, notified_id)
          ----   --------------
  Staff.ID references User
  Staff.notified_id references Notified_Person
  *Where Staff.total_salary = Staff.payment_rate * Staff.working_hours*

- Content_manager (<u>ID</u>,type)
                    --- ------
  Content_manager.ID references Staff
  *Content_manager.*type *references* Content_type

- Reviewer (<u>ID</u>)

  Reviewer.ID references Staff

- Message (<u>sent_at,contributer_id, viewer_id, sender_type,</u> read_at, text,read_status)
                  ----------------- --------------
  Message.contributer_id *references Contributor*
  Message.viewer_id *references Viewer*

- Category (<u>type</u>, description)
- Sub_Category (<u>category_type,name</u>)

  Sub_Category.category_type references Category

- Content_type (<u>type</u>)

- Notification_Object (<u>ID</u>)

- Existing_Request (<u>id</u>, original_content_id, viewer_id)
                          ----------------------   ------------
  Existing_Request .original_content_id *references Original_Content*
  Existing_Request..viewer_id *references Viewer*

- New_Request (<u>id</u>, accept_status, specified, information, viewer_id, notif_obj_id,
                                                              ------------ --------------
  contributer_id)
   ----
  *New_Request.*viewer_id *references Viewer*
  *New_Request.*notif_obj_id *references Notification_Object*
  New_Request .contributer_id *references Contributor*

- Content (<u>ID</u>, link, uploaded_at, contributer_id, category_type, subcategory_name , type)
                                        ---------------- ------------------ ------------------------ ------
  *Content.*contributer_id *references Contributor*
   *Content.*type *references* Content_type
  *Content.(*category_id*,*subcategory_name*) references Sub_Category*

- Original_Content (<u>ID</u>, content_manager_id, reviewer_id,
                          ---- -------------------------   -------------
  review_status, filter_status, rating)

  Original_Content.ID references Content
  *Original_Content.*reviewer_id *references Reviewer*
  *Original_Content.*content_manager_id *references* Content_manager

- New_Content (<u>ID</u>, new_request_id)
                     --- ----------------------
  New_Content.ID references Content
  *New_Content.*new_request_id *references New_Request*

- Comment (<u>Viewer_id, original_content_id, date</u>, text)
                   ------------- -----------------------
  Comment.<u>Viewer_id</u> *references Viewer*
  Comment.<u>original_content_id</u> *references Original_Content*

- Rate (viewer_id, original_content_id, date, rate)

  *Rating.*viewer_id *references Viewer*
  *Rating.*original_content_id *references Original_Content*

- Event (id, description, location, city, time, entertainer, notification_object_id, viewer_id)

  *Event.*notification_object_id *references Notification_Object*
  *Event.*viewer_id *references Viewer*

- Event_Photos_link(*event*_id, link)

  Event_Photos_link.*event*_id *references* Event

- Event_Videos_link(*event*_id, link)

  Event_Videos_link.*event*_id *references* Event

- Advertisement (id, description, location, event_id, viewer_id)

  *Advertisement.*event_id *references Event*
  *Advertisement.*viewer_id *references Viewer*

- Ads_Video_Link(*advertisement*_id, link)

  Ads_Video_Link.*advertisement*_id *references* Advertisement

- Ads_Photos_Link(*advertisement*_id, link)

  Ads_Photos_Link.*advertisement*_id *references* Advertisement

- Announcement (ID, seen_at, sent_at, notified_person_id, notification_object_id)

  *Announcement.*notified_person_id *references Notified_Person*
  *Announcement.*notification_object_id *references Notification_Object*