A6: Integrity constraints, Indexes, triggers and user functions

This artefact contains the physical schema of the database, the identification and characterization of the indexes, the support of data integrity rules with triggers and the definition of the database user-defined functions. This artefact also includes the complete database creation script, including all SQL necessary to define all integrity constraints, indexes and triggers.

1. Database Workload

1.1. Tuple estimation

Table	Tuple magnitude	Estimated growth (/day)
user_table	thousands	50
project	hundreds	10
task	thousands	100
comment	thousands	100
forum_post	thousands	100
forum_reply	thousands	100
meeting	hundreds	50
file	hundreds	50
tag	dozens	5
country	hundreds	0

1.2. Most Frequent Queries

SELECT01	Select User Project

```
SELECT project.name FROM project, user_project
WHERE project.id=user_project.id_project
AND user_project.id_user= $user_id ;
```

SELECT02	Select Project Name

```
SELECT name FROM project
    WHERE id = $project_id;
```

SELECT03	Select Project Description

```
SELECT description FROM project
WHERE id = $project_id;
```

SELECT04	Select first three tasks with earlier deadline

```
SELECT name, deadline FROM task
WHERE deadline > CURRENT_DATE
ORDER BY deadline ASC
LIMIT 3;
```

SELECT05	Select first three post forum

```
SELECT forum_post.title, forum_post.date_modified, user_table.name,
user_table.photo_path
FROM forum_post, user_table
WHERE forum_post.id_creator = user_table.id
ORDER BY forum_post.date_modified DESC LIMIT 3;
```

SELECT06	Select next three meetings

```
SELECT name, DATE FROM meeting WHERE DATE > CURRENT_DATE
ORDER BY DATE ASC
LIMIT 3;
```

SELECT07	Select last three uploaded files

```
SELECT path, user_table.name, user_table.photo_path
FROM file, user_table WHERE user_table.id = file.uploader_id
ORDER BY upload_date
DESC LIMIT 3;
```

SELECT08	Select Files ordered by upload date

```
SELECT file.name, project.name, upload_date
FROM file, project
WHERE file.project_id = project.id
ORDER BY upload_date DESC;
```

SELECT09	Select Project Team Coordinators

```
SELECT DISTINCT user_table.name, user_table.email
FROM user_table, project, user_project
WHERE user_project.id_project = $project_id
AND user_project.is_coordinator = TRUE
AND  user_project.id_user = user_table.id;
```

SELECT10	Select Project Team Members

```
SELECT DISTINCT user_table.name, user_table.email
FROM user_table, project, user_project
WHERE user_project.id_project = $project_id
AND user_project.is_coordinator = FALSE
AND  user_project.id_user = user_table.id;
```

SELECT11	Select Forum Post content, title, modified date and user creator name ordered by modified date

```
SELECT user_table.name, title, creation_date, content
FROM forum_post, user_table
WHERE forum_post.id_creator = user_table.id
ORDER BY date_modified DESC;
```

SELECT12	Select Forum Post Reply content, creation date and user creator name

```
SELECT user_table.name, forum_reply.creation_date,
forum_reply.content,forum_reply.post_id
FROM forum_reply, forum_post, user_table
WHERE forum_reply.post_id = $post_id
AND forum_reply.creator_id = user_table.id;
```

SELECT13	Select Forum Post Reply Number of Likes

```
SELECT COUNT(reply_id)
FROM forum_reply_like
WHERE reply_id=$reply_id;
```

SELECT14	Select User's Tasks

```
SELECT task.name FROM task
WHERE task.deadline > CURRENT_DATE
AND task.creator_id=$user_id
ORDER BY deadline ASC;
```

SELECT15	Select Task's Replies

```
SELECT content
FROM comment,task
WHERE task.id = comment.id_task
AND task.id = $task_id;
```

SELECT16	Select Tasks by Tag ordered by closest deadline

```
SELECT DISTINCT task.name, task.deadline, task_tag.tag_id
FROM task, task_tag
WHERE task.deadline > CURRENT_DATE
AND task.id=task_tag.task_id
AND task_tag.tag_id=$tag_id
ORDER BY deadline ASC;
```

SELECT17	Select all tasks from project ordered by closest deadline

```
SELECT name FROM task
WHERE deadline > CURRENT_DATE
AND project_id = $project_id
ORDER BY deadline ASC;
```

1.3. Most Frequent Modifications

UPDATE01	Update task description

```
UPDATE task
SET description = $description
WHERE id = $task_id;
```

UPDATE02	Update task deadline

```
UPDATE task
SET deadline = $deadline;
WHERE id = $task_id
```

UPDATE03	Update task completer id

```
UPDATE task
SET completer_id = $user_id
WHERE id = $task_id;
```

UPDATE04	Update forum post content

```
UPDATE forum_post
SET content = $content
WHERE id = $forum_post_id;
```

UPDATE05	Update team member to team coordinator

```
UPDATE user_project
SET is_coordinator = TRUE
WHERE id_user = $user_id;
```

UPDATE06	Update user autentication fields

```
UPDATE user_table
SET email = $email,  name = $name,
username = $username, phone_number = $phone_number,
birth_date = $birthdate, country = $country,
city = $city, photo_path = $photo_path
WHERE id =  $user_id;
```

DELETE01	Delete user

```
DELETE FROM user_table
WHERE id = $user_id;
```

DELETE02	Delete task

```
DELETE FROM task
WHERE id = $task_id;
```

DELETE03	Delete meeting

```
DELETE FROM meeting
WHERE id = $meeting_id;
```

DELETE04	Delete post

```
DELETE FROM forum_post
WHERE id = $forum_post_id;
```

DELETE05	Delete reply

```
DELETE FROM forum_reply
WHERE id = $forum_reply_id;
```

DELETE06	Delete comment

```
DELETE FROM comment
WHERE id = $comment_id;
```

DELETE07	Delete file

```
DELETE FROM file
WHERE id = $file_id;
```

2. Proposed Indexes

Search the id of the user the task has been assigned to. This index is useful when searching the current user's assigned tasks.

IDX01	task_assigned_id_index	assigned_id	Hash
CREATE INDEX task_assigned_id_index ON task USING hash(assigned_id)			

Used to order tasks by their deadline. The table will be clustered using this index to allow quick listing of the tasks by their proximity to their deadline.

IDX02	task_deadline_index	deadline	B-Tree
CREATE INDEX task_deadline_index ON task USING btree(deadline)			

Used to order posts by their modification date (i.e the date they were posted or a reply was made).The table will be clustered using this index to allow quick listing of the posts by their recent activity.

IDX03	forum_post_date_modified_index	date_modified	B-Tree

```
CREATE INDEX forum_post_date_modified_index ON forum_post USING
btree(date_modified)
```

Used to order Replies by their post id, allowing to find quickly the replies to a certain post.

IDX04

Used to order Forum Post by their project id, allowing to find quickly the project's forum posts.

IDX05

3. Triggers and Procedures

RN01	Doesn't allow to put Forum Post creation date in the future

```
CREATE TRIGGER "checkNewForumPostDate" BEFORE INSERT OR UPDATE ON forum_post
FOR EACH ROW
EXECUTE PROCEDURE "noModificationAfterCreation"();

CREATE FUNCTION "noModificationAfterCreation"() RETURNS TRIGGER
    LANGUAGE plpgsql
    AS $$BEGIN
  IF NEW.date_modified < NEW.creation_date
  THEN
    RAISE EXCEPTION 'date modified cannot be before creation date';
  END IF;
  RETURN NEW;
END;$$;
```

RN02	Doesn't allow for Meeting dates to be set to the past

```
CREATE TRIGGER "onChangeMeetingToPast" BEFORE INSERT OR UPDATE ON meeting
FOR EACH ROW
EXECUTE PROCEDURE "noPastMeetings"();

CREATE FUNCTION "noPastMeetings"() RETURNS TRIGGER
    LANGUAGE plpgsql
    AS $$BEGIN
  IF NEW.date < NOW()
  THEN RAISE EXCEPTION 'meeting date cannot be in the past';
  END IF;
  RETURN NEW;
END;$$;
```

RN03	Inserts the User as "creator" in the User-Meeting table, if he isn't already associated with that meeting

```
CREATE TRIGGER "onCreateMeeting" AFTER INSERT ON meeting
FOR EACH ROW
EXECUTE PROCEDURE "insertUserMeeting"();

CREATE FUNCTION "insertUserMeeting"() RETURNS TRIGGER
    LANGUAGE plpgsql
    AS $$BEGIN
  IF EXISTS
    (SELECT meeting_id, user_id FROM user_meeting
     WHERE user_id = NEW.id_creator AND meeting_id = NEW.id)
  THEN
    RAISE EXCEPTION 'User already associated with the meeting';
  ELSE
    INSERT INTO user_meeting(meeting_id, user_id, is_creator)
    VALUES (NEW.id, NEW.id_creator, TRUE);
  END IF;
  RETURN NEW;
END;$$;
```

RN04	Doesn't allow to set User's birth date to the future

```
CREATE TRIGGER "onFutureBirth" BEFORE INSERT OR UPDATE ON user_table
FOR EACH ROW
EXECUTE PROCEDURE "noFutureBirth"();

CREATE FUNCTION "noFutureBirth"() RETURNS TRIGGER
    LANGUAGE plpgsql
    AS $$BEGIN
  IF NEW.birth_date > NOW()
  THEN
     RAISE EXCEPTION 'birth date must be in the past';
  END IF;
  RETURN NEW;
END;$$;
```

RN05	Doesn't allow to set Comment's date to the future

```
CREATE TRIGGER "onFutureComment" BEFORE INSERT OR UPDATE ON comment
FOR EACH ROW
EXECUTE PROCEDURE "noFutureCreationDate"();

CREATE FUNCTION "noFutureCreationDate"() RETURNS TRIGGER
    LANGUAGE plpgsql
    AS $$BEGIN
  IF NEW.creation_date > NOW()
  THEN
    RAISE EXCEPTION 'creation date must not be in the future';
  END IF;
  RETURN NEW;
END$$;
```

RN06	Doesn't allow to set Replies creation date to the future

```
CREATE TRIGGER "onFutureReply" BEFORE INSERT OR UPDATE ON forum_reply
FOR EACH ROW
EXECUTE PROCEDURE "noFutureCreationDate"();
```

RN07	Doesn't allow the reinvitation of a user to a meeting

```
CREATE TRIGGER "onInsertRepeatedUser" BEFORE INSERT OR UPDATE ON
user_meeting
FOR EACH ROW
EXECUTE PROCEDURE "insertRepeatedMeetingInvite"();

CREATE FUNCTION "insertRepeatedMeetingInvite"() RETURNS TRIGGER
    LANGUAGE plpgsql
    AS $$BEGIN
  IF EXISTS (
    SELECT user_id, meeting_id FROM user_meeting
    WHERE user_id = NEW.user_id AND meeting_id = NEW.meeting_id)
  THEN
    RAISE EXCEPTION 'User already associated with the meeting';
  END IF;
  RETURN NEW;
END;$$;
```

RN08	Doesn't allow to set Reply date before Post's modification date

```
CREATE TRIGGER "onReplyBeforePost" BEFORE INSERT OR UPDATE ON forum_reply
FOR EACH ROW
EXECUTE PROCEDURE "noReplyBeforePost"();

CREATE FUNCTION "noReplyBeforePost"() RETURNS TRIGGER
    LANGUAGE plpgsql
    AS $$BEGIN
  IF NEW.creation_date < (SELECT date_modified FROM forum_post WHERE id =
NEW.post_id)
  THEN
    RAISE EXCEPTION 'Reply can only be after the comment creation';
  END IF;
  RETURN NEW;
END;$$;
```

RN09	Doesn't allow to set File's upload date to the future

```
CREATE TRIGGER "onUpdateFutureFile" BEFORE INSERT OR UPDATE ON file
FOR EACH ROW
EXECUTE PROCEDURE "noFutureUploads"();

CREATE FUNCTION "noFutureUploads"() RETURNS TRIGGER
    LANGUAGE plpgsql
    AS $$BEGIN
  IF NEW.upload_date > NOW()
  THEN
    RAISE EXCEPTION 'upload date cannot be in the future';
  END IF;
  RETURN NEW;
END;$$;
```

RN10	Updates Forum Modification date when a Reply is created

```
CREATE TRIGGER "updateForumPostDateModification" BEFORE INSERT ON
forum_reply
FOR EACH ROW
EXECUTE PROCEDURE "updateDateModified"();

CREATE FUNCTION "updateDateModified"() RETURNS TRIGGER
    LANGUAGE plpgsql
    AS $$BEGIN
UPDATE forum_post SET date_modified = NOW()
WHERE id = NEW.post_id;
RETURN NEW;
END;$$;
```

4. SQL Code

lbaw16xx_create.sql

```
-- Here goes the SQL code - CREATE TABLES, INDEXES, TRIGGERS, UDFs.

-- INDEX and CLUSTER

CREATE INDEX task_assigned_id_index ON task USING hash(assigned_id)
CREATE INDEX task_deadline_index ON task USING btree(deadline)
CREATE INDEX forum_post_date_modified_index ON forum_post USING
btree(date_modified)

CLUSTER task USING task_deadline_index
CLUSTER forum_post USING forum_post_date_modified

-- TRIGGERS and Procedures

CREATE TRIGGER "checkNewForumPostDate" BEFORE INSERT OR UPDATE ON
forum_post
FOR EACH ROW
EXECUTE PROCEDURE "noModificationAfterCreation"();

CREATE FUNCTION "noModificationAfterCreation"() RETURNS TRIGGER
    LANGUAGE plpgsql
    AS $$BEGIN
  IF NEW.date_modified < NEW.creation_date
    THEN
      RAISE EXCEPTION 'date modified cannot be before creation date';
    END IF;
    RETURN NEW;
END;$$;

CREATE TRIGGER "onFutureReply" BEFORE INSERT OR UPDATE ON forum_reply
FOR EACH ROW
EXECUTE PROCEDURE "noFutureCreationDate"();

CREATE TRIGGER "onInsertRepeatedUser" BEFORE INSERT OR UPDATE ON
```

```sql
user_meeting
FOR EACH ROW
EXECUTE PROCEDURE "insertRepeatedMeetingInvite"();

CREATE FUNCTION "insertRepeatedMeetingInvite"() RETURNS TRIGGER
    LANGUAGE plpgsql
    AS $$BEGIN
  IF EXISTS (
    SELECT user_id, meeting_id FROM user_meeting
    WHERE user_id = NEW.user_id AND meeting_id = NEW.meeting_id)
  THEN
    RAISE EXCEPTION 'User already associated with the meeting';
  END IF;
  RETURN NEW;
END;$$;

CREATE TRIGGER "onReplyBeforePost" BEFORE INSERT OR UPDATE ON
forum_reply
FOR EACH ROW
EXECUTE PROCEDURE "noReplyBeforePost"();

CREATE FUNCTION "noReplyBeforePost"() RETURNS TRIGGER
    LANGUAGE plpgsql
    AS $$BEGIN
  IF NEW.creation_date < (SELECT date_modified FROM forum_post WHERE id
= NEW.post_id)
  THEN
    RAISE EXCEPTION 'Reply can only be after the comment creation';
  END IF;
  RETURN NEW;
END;$$;

CREATE TRIGGER "onUpdateFutureFile" BEFORE INSERT OR UPDATE ON file
FOR EACH ROW
EXECUTE PROCEDURE "noFutureUploads"();

CREATE FUNCTION "noFutureUploads"() RETURNS TRIGGER
    LANGUAGE plpgsql
    AS $$BEGIN
  IF NEW.upload_date > NOW()
  THEN
    RAISE EXCEPTION 'upload date cannot be in the future';
  END IF;
  RETURN NEW;
END;$$;

CREATE TRIGGER "updateForumPostDateModification" BEFORE INSERT ON
forum_reply
FOR EACH ROW
EXECUTE PROCEDURE "updateDateModied"();
```

```
CREATE FUNCTION "updateDateModified"() RETURNS TRIGGER
    LANGUAGE plpgsql
    AS $$BEGIN
UPDATE forum_post SET date_modified = NOW()
WHERE id = NEW.post_id;
RETURN NEW;
END;$$;
```

lbaw16xx_data.sql

```
-- TABLE user_table

INSERT INTO user_table (id, name, username, email, password,
phone_number, photo_path, birth_date, country, city) VALUES (1, 'Eugene
Morris', 'emorris0', 'emorris0@huffingtonpost.com', 'YyK6CX', '62-
(652)871-9209', 'lacus purus aliquet.tiff', '7/29/1978', 10,
'Tambaksari');
INSERT INTO user_table (id, name, username, email, password,
phone_number, photo_path, birth_date, country, city) VALUES (2, 'Harry
Stewart', 'hstewart1', 'hstewart1@shareasale.com', 'IvbpDIL1', '7-
(854)570-3914', 'convallis duis.tiff', '2/15/1988', 8, 'Ponyri
Vtoryye');
INSERT INTO user_table (id, name, username, email, password,
phone_number, photo_path, birth_date, country, city) VALUES (3,
'Catherine Williams', 'cwilliams2', 'cwilliams2@berkeley.edu',
'0YxZsKjD8N4z', '86-(950)878-3581', 'donec.gif', '4/20/1970', 3,
'Shanglian');
INSERT INTO user_table (id, name, username, email, password,
phone_number, photo_path, birth_date, country, city) VALUES (4, 'Ruby
Fernandez', 'rfernandez3', 'rfernandez3@edublogs.org', 'OySJMW9Ci',
'63-(435)261-3095', 'vel augue vestibulum.tiff', '4/2/1970', 6,
'Linan');
INSERT INTO user_table (id, name, username, email, password,
phone_number, photo_path, birth_date, country, city) VALUES (5,
'Michelle Perez', 'mperez4', 'mperez4@ask.com', 'DuI7mvdH', '62-
(198)659-7663', 'sagittis nam congue.png', '6/20/1997', 9, 'Pasir');
INSERT INTO user_table (id, name, username, email, password,
phone_number, photo_path, birth_date, country, city) VALUES (6, 'Janice
Diaz', 'jdiaz5', 'jdiaz5@ask.com', 'zvkyXOR', '81-(268)651-2744',
'proin risus.png', '10/4/1977', 3, 'Maruoka');
INSERT INTO user_table (id, name, username, email, password,
phone_number, photo_path, birth_date, country, city) VALUES (7, 'Gerald
Thomas', 'gthomas6', 'gthomas6@sohu.com', 'h1bQcMt3xrqe', '62-
(504)900-0988', 'quam pede.gif', '1/29/1978', 7, 'Idi Rayeuk');
INSERT INTO user_table (id, name, username, email, password,
phone_number, photo_path, birth_date, country, city) VALUES (8, 'Alan
Hayes', 'ahayes7', 'ahayes7@hp.com', '7o1WOnr3', '385-(502)405-6340',
'dapibus augue.png', '9/24/1999', 6, 'Stobreč');
INSERT INTO user_table (id, name, username, email, password,
phone_number, photo_path, birth_date, country, city) VALUES (9, 'Keith
```

```sql
Fowler', 'kfowler8', 'kfowler8@noaa.gov', '4lnfGePE', '66-
(159)541-1931', 'vel nulla eget.jpeg', '10/1/1970', 6, 'Bang Sao
Thong');
INSERT INTO user_table (id, name, username, email, password,
phone_number, photo_path, birth_date, country, city) VALUES (10, 'Ann
Carpenter', 'acarpenter9', 'acarpenter9@google.com.au', 'sMdeQs', '7-
(418)728-2726', 'rhoncus.png', '3/16/1971', 10, 'Kuanda');

-- TABLE project

INSERT INTO project (id, name, description) VALUES (1, 'Flexidy',
'Reposition Left Parietal Bone with Internal Fixation Device,
Percutaneous Endoscopic Approach');
INSERT INTO project (id, name, description) VALUES (2, 'Stim',
'Drainage of Accessory Nerve, Open Approach, Diagnostic');
INSERT INTO project (id, name, description) VALUES (3, 'Tin', 'Low Dose
Rate (LDR) Brachytherapy of Bile Ducts using Palladium 103 (Pd-103)');
INSERT INTO project (id, name, description) VALUES (4, 'Cardguard',
'Removal of Autologous Tissue Substitute from Lower Muscle,
Percutaneous Endoscopic Approach');
INSERT INTO project (id, name, description) VALUES (5, 'Fintone',
'Release Left Hip Bursa and Ligament, Percutaneous Endoscopic
Approach');

-- TABLE task

INSERT INTO task (id, name, description, deadline, creator_id,
assigned_id, completer_id, project_id) VALUES (1, 'odio cras mi pede
malesuada in', 'Oth complication of other internal prosth dev/grft,
subs', '2017-06-03', 43, 1, 41, 19);
INSERT INTO task (id, name, description, deadline, creator_id,
assigned_id, completer_id, project_id) VALUES (2, 'congue vivamus',
'Burn of first degree of right elbow, subsequent encounter',
'2018-03-12', 89, 93, 72, 5);
INSERT INTO task (id, name, description, deadline, creator_id,
assigned_id, completer_id, project_id) VALUES (3, 'ac enim in tempor',
'Traum rupt of palmar ligmt of l lit fngr at MCP/IP jt, init',
'2017-11-06', 68, 52, 48, 13);
INSERT INTO task (id, name, description, deadline, creator_id,
assigned_id, completer_id, project_id) VALUES (4, 'sagittis sapien cum
sociis', 'Staphylococcal arthritis, right knee', '2017-08-17', 22, 41,
50, 2);
INSERT INTO task (id, name, description, deadline, creator_id,
assigned_id, completer_id, project_id) VALUES (5, 'in faucibus orci
luctus et', 'Contact with and (suspected) exposure to hazardous
metals', '2017-09-21', 5, 75, 7, 1);
INSERT INTO task (id, name, description, deadline, creator_id,
assigned_id, completer_id, project_id) VALUES (6, 'nibh quisque id
justo', 'Effects of weightlessness, sequela', '2017-06-29', 89, 99, 83,
1);
INSERT INTO task (id, name, description, deadline, creator_id,
```

```sql
assigned_id, completer_id, project_id) VALUES (7, 'justo nec
condimentum neque sapien placerat', 'Laceration of blood vessels at
wrs/hnd lv of left arm, init', '2018-01-08', 68, 10, 33, 1);
INSERT INTO task (id, name, description, deadline, creator_id,
assigned_id, completer_id, project_id) VALUES (8, 'amet eros
suspendisse accumsan', 'Therapeutic and rehab ob/gyn devices assoc w
incdt', '2017-10-09', 77, 9, 98, 22);
INSERT INTO task (id, name, description, deadline, creator_id,
assigned_id, completer_id, project_id) VALUES (9, 'morbi a ipsum
integer', 'Toxic effect of contact with unspecified venomous animal',
'2017-04-07', 52, 98, 96, 8);
INSERT INTO task (id, name, description, deadline, creator_id,
assigned_id, completer_id, project_id) VALUES (10, 'neque vestibulum
eget', 'Harada''s disease, left eye', '2017-07-16', 41, 96, 82, 6);
INSERT INTO task (id, name, description, deadline, creator_id,
assigned_id, completer_id, project_id) VALUES (11, 'vestibulum',
'Superficial foreign body of right thumb, sequela', '2017-05-11', 28,
7, 44, 5);
INSERT INTO task (id, name, description, deadline, creator_id,
assigned_id, completer_id, project_id) VALUES (12, 'metus aenean',
'Sltr-haris Type II physeal fracture of lower end of humerus',
'2018-02-13', 73, 1, 15, 7);
INSERT INTO task (id, name, description, deadline, creator_id,
assigned_id, completer_id, project_id) VALUES (13, 'interdum mauris non
ligula', 'Poisoning by unsp drug/meds/biol subst, undetermined, subs',
'2017-05-14', 31, 67, 65, 7);
INSERT INTO task (id, name, description, deadline, creator_id,
assigned_id, completer_id, project_id) VALUES (14, 'a odio in',
'Nondisp transverse fx shaft of unsp ulna, 7thD', '2017-09-18', 13, 52,
36, 4);
INSERT INTO task (id, name, description, deadline, creator_id,
assigned_id, completer_id, project_id) VALUES (15, 'at velit', 'Medial
subluxation of left ulnohumeral joint, subs encntr', '2017-07-02', 19,
58, 5, 6);
INSERT INTO task (id, name, description, deadline, creator_id,
assigned_id, completer_id, project_id) VALUES (16, 'quam fringilla
rhoncus mauris enim', 'Minor contusion of spleen, initial encounter',
'2018-03-04', 52, 85, 14, 27);
INSERT INTO task (id, name, description, deadline, creator_id,
assigned_id, completer_id, project_id) VALUES (17, 'sit', 'Laceration
of ovary, unilateral, subsequent encounter', '2017-11-21', 31, 87, 79,
24);
INSERT INTO task (id, name, description, deadline, creator_id,
assigned_id, completer_id, project_id) VALUES (18, 'platea', 'Tox eff
of corrosv acids & acid-like substnc, slf-hrm, subs', '2018-02-20', 69,
75, 23, 25);
INSERT INTO task (id, name, description, deadline, creator_id,
assigned_id, completer_id, project_id) VALUES (19, 'luctus et ultrices
posuere cubilia', 'Disseminated chorioretinal inflammation',
'2017-04-02', 42, 39, 18, 23);
INSERT INTO task (id, name, description, deadline, creator_id,
```

```sql
assigned_id, completer_id, project_id) VALUES (20, 'quis turpis eget
elit', 'Strain flxr musc/fasc/tend r little fngr at wrs/hnd lv, init',
'2018-02-23', 14, 73, 15, 1);

-- TABLE comment

INSERT INTO comment (id, creation_date, content, id_user, id_task)
VALUES (1, '2015-12-30 19:36:22', 'sociis natoque penatibus et magnis
dis parturient montes nascetur ridiculus mus etiam vel augue vestibulum
rutrum rutrum neque aenean auctor gravida sem praesent id massa id nisl
venenatis lacinia aenean sit amet justo morbi ut odio cras mi pede
malesuada in imperdiet et commodo vulputate', 90, 53);
INSERT INTO comment (id, creation_date, content, id_user, id_task)
VALUES (2, '2016-09-28 17:05:31', 'vestibulum ac est lacinia nisi
venenatis tristique fusce congue diam id ornare imperdiet sapien urna
pretium', 6, 80);
INSERT INTO comment (id, creation_date, content, id_user, id_task)
VALUES (3, '2016-04-11 23:55:44', 'ligula pellentesque ultrices
phasellus id sapien in sapien iaculis congue vivamus metus arcu
adipiscing molestie hendrerit at vulputate vitae nisl aenean lectus
pellentesque eget nunc donec quis orci eget orci', 51, 49);
INSERT INTO comment (id, creation_date, content, id_user, id_task)
VALUES (4, '2015-07-10 07:05:28', 'nam ultrices libero non mattis
pulvinar nulla pede ullamcorper augue a suscipit nulla elit ac nulla
sed vel enim sit amet nunc viverra dapibus nulla suscipit ligula', 59,
91);
INSERT INTO comment (id, creation_date, content, id_user, id_task)
VALUES (5, '2017-05-21 19:20:30', 'magna bibendum imperdiet nullam orci
pede venenatis non sodales sed tincidunt eu felis fusce posuere', 91,
26);
INSERT INTO comment (id, creation_date, content, id_user, id_task)
VALUES (6, '2015-05-15 04:06:35', 'sem sed sagittis nam congue risus
semper porta volutpat quam pede lobortis ligula sit amet eleifend pede
libero quis orci nullam molestie', 72, 74);
INSERT INTO comment (id, creation_date, content, id_user, id_task)
VALUES (7, '2015-04-18 10:39:01', 'nec dui luctus rutrum nulla tellus
in sagittis dui vel nisl duis ac nibh fusce lacus purus aliquet at
feugiat non pretium quis lectus suspendisse potenti in eleifend quam a
odio in hac habitasse platea dictumst maecenas ut massa quis augue
luctus tincidunt nulla', 49, 10);
INSERT INTO comment (id, creation_date, content, id_user, id_task)
VALUES (8, '2017-02-23 07:14:25', 'eget vulputate ut ultrices vel augue
vestibulum ante ipsum primis in faucibus orci luctus et ultrices
posuere cubilia curae donec pharetra magna vestibulum aliquet ultrices
erat tortor sollicitudin mi sit amet lobortis sapien sapien non mi
integer ac neque', 3, 78);
INSERT INTO comment (id, creation_date, content, id_user, id_task)
VALUES (9, '2016-02-20 03:10:32', 'leo odio porttitor id consequat in
consequat ut nulla sed accumsan felis ut at dolor quis odio consequat
varius integer ac leo pellentesque ultrices', 33, 42);
INSERT INTO comment (id, creation_date, content, id_user, id_task)
```

```
VALUES (10, '2015-05-30 01:35:14', 'imperdiet sapien urna pretium nisl
ut volutpat sapien arcu', 94, 23);
INSERT INTO comment (id, creation_date, content, id_user, id_task)
VALUES (11, '2017-09-15 21:14:21', 'ultrices posuere cubilia curae
donec pharetra magna vestibulum aliquet ultrices erat tortor
sollicitudin mi sit amet lobortis sapien sapien', 73, 9);
INSERT INTO comment (id, creation_date, content, id_user, id_task)
VALUES (12, '2017-08-12 20:58:36', 'justo in blandit ultrices enim
lorem ipsum dolor sit amet consectetuer adipiscing elit proin interdum
mauris non ligula', 46, 54);
INSERT INTO comment (id, creation_date, content, id_user, id_task)
VALUES (13, '2015-11-14 20:47:15', 'in lectus pellentesque at nulla
suspendisse potenti cras in purus eu magna vulputate luctus cum sociis
natoque penatibus et magnis dis parturient montes nascetur ridiculus
mus vivamus vestibulum sagittis sapien cum sociis natoque penatibus et
magnis dis parturient montes nascetur', 41, 53);
INSERT INTO comment (id, creation_date, content, id_user, id_task)
VALUES (14, '2017-09-13 12:52:55', 'id', 26, 19);
INSERT INTO comment (id, creation_date, content, id_user, id_task)
VALUES (15, '2017-05-23 00:35:24', 'eget', 77, 87);
INSERT INTO comment (id, creation_date, content, id_user, id_task)
VALUES (16, '2017-02-03 22:23:06', 'dolor sit', 26, 17);
INSERT INTO comment (id, creation_date, content, id_user, id_task)
VALUES (17, '2017-08-30 12:25:21', 'congue risus semper porta volutpat
quam pede lobortis ligula sit amet eleifend pede libero quis orci
nullam molestie', 82, 83);
INSERT INTO comment (id, creation_date, content, id_user, id_task)
VALUES (18, '2017-10-16 23:27:57', 'luctus et ultrices posuere cubilia
curae duis faucibus accumsan odio curabitur convallis duis consequat
dui nec nisi volutpat eleifend donec ut dolor morbi vel lectus in quam
fringilla', 72, 18);
INSERT INTO comment (id, creation_date, content, id_user, id_task)
VALUES (19, '2016-04-18 23:21:04', 'lacus purus aliquet at feugiat non
pretium quis lectus suspendisse potenti in eleifend quam a odio in hac
habitasse platea dictumst maecenas ut massa quis augue luctus tincidunt
nulla mollis molestie lorem quisque ut erat curabitur gravida nisi at
nibh in hac habitasse platea', 15, 41);
INSERT INTO comment (id, creation_date, content, id_user, id_task)
VALUES (20, '2016-06-22 15:03:50', 'sit amet sapien dignissim
vestibulum vestibulum ante ipsum primis in faucibus orci luctus', 30,
55);

-- TABLE forum-post

INSERT INTO forum_post (id, title, creation_date, content, id_project,
date_modified, id_creator) VALUES (1, 'tincidunt in leo maecenas
pulvinar lobortis est phasellus sit amet', '10/12/2015', 'turpis
adipiscing lorem vitae mattis nibh ligula nec sem duis aliquam
convallis nunc proin at turpis a pede posuere nonummy integer non velit
donec diam neque vestibulum eget vulputate ut ultrices vel augue
vestibulum ante ipsum primis in faucibus orci luctus et ultrices
```

```
posuere cubilia curae donec pharetra magna vestibulum aliquet ultrices
erat tortor sollicitudin mi sit amet lobortis sapien', 9, '2015-04-01
03:12:25', 18);
INSERT INTO forum_post (id, title, creation_date, content, id_project,
date_modified, id_creator) VALUES (2, 'erat tortor sollicitudin mi sit
amet lobortis', '9/7/2015', 'rhoncus mauris enim leo rhoncus sed
vestibulum sit amet cursus', 18, '2015-07-02 02:16:28', 94);
INSERT INTO forum_post (id, title, creation_date, content, id_project,
date_modified, id_creator) VALUES (3, 'vel augue vestibulum rutrum
rutrum', '7/14/2015', 'nibh fusce lacus purus aliquet at feugiat non
pretium quis lectus suspendisse potenti in eleifend quam a odio in hac
habitasse platea dictumst maecenas ut massa quis augue luctus tincidunt
nulla mollis molestie lorem quisque ut erat curabitur gravida nisi at
nibh in hac habitasse platea dictumst aliquam augue quam sollicitudin
vitae consectetuer eget rutrum at', 13, '2015-05-30 08:26:44', 77);
INSERT INTO forum_post (id, title, creation_date, content, id_project,
date_modified, id_creator) VALUES (4, 'sit amet sapien dignissim
vestibulum vestibulum ante ipsum', '10/14/2016', 'pellentesque ultrices
mattis odio donec vitae nisi nam ultrices libero non mattis pulvinar
nulla pede ullamcorper augue a suscipit nulla elit', 17, '2015-11-05
16:14:17', 95);
INSERT INTO forum_post (id, title, creation_date, content, id_project,
date_modified, id_creator) VALUES (5, 'curabitur', '6/15/2015', 'proin
leo odio porttitor id consequat in consequat ut nulla sed accumsan
felis ut at dolor quis odio consequat varius integer ac leo
pellentesque ultrices mattis odio donec vitae nisi nam ultrices libero
non mattis pulvinar nulla pede ullamcorper augue a', 2, '2015-12-10
12:29:41', 41);
INSERT INTO forum_post (id, title, creation_date, content, id_project,
date_modified, id_creator) VALUES (6, 'morbi odio odio elementum eu
interdum eu tincidunt in', '12/23/2016', 'curabitur in libero ut massa
volutpat convallis morbi odio odio elementum eu interdum eu tincidunt
in leo maecenas pulvinar lobortis est phasellus sit amet erat nulla
tempus vivamus in felis eu', 14, '2015-04-02 20:19:21', 50);
INSERT INTO forum_post (id, title, creation_date, content, id_project,
date_modified, id_creator) VALUES (7, 'nisl nunc nisl duis bibendum
felis sed interdum', '8/10/2015', 'urna pretium nisl ut volutpat sapien
arcu sed augue aliquam erat volutpat in congue etiam justo etiam
pretium iaculis justo in hac habitasse platea dictumst etiam faucibus
cursus urna ut tellus nulla ut erat id mauris vulputate elementum
nullam', 25, '2016-02-14 17:03:30', 6);
INSERT INTO forum_post (id, title, creation_date, content, id_project,
date_modified, id_creator) VALUES (8, 'vel sem sed', '4/12/2015', 'elit
ac nulla sed vel enim sit amet nunc viverra dapibus nulla suscipit
ligula in lacus curabitur at ipsum ac tellus semper interdum mauris
ullamcorper purus sit amet nulla quisque arcu libero rutrum', 24,
'2015-08-29 01:16:04', 33);
INSERT INTO forum_post (id, title, creation_date, content, id_project,
date_modified, id_creator) VALUES (9, 'porta volutpat quam pede
lobortis ligula sit amet eleifend pede', '3/30/2016', 'sollicitudin mi
sit amet lobortis sapien sapien non mi integer ac neque duis bibendum
```

```sql
morbi non quam nec dui luctus rutrum nulla tellus in sagittis dui vel
nisl duis ac nibh fusce lacus purus aliquet at feugiat non pretium quis
lectus suspendisse potenti in eleifend quam a odio in', 9, '2016-05-27
18:52:51', 50);
INSERT INTO forum_post (id, title, creation_date, content, id_project,
date_modified, id_creator) VALUES (10, 'libero', '7/25/2016', 'nulla
sed accumsan felis ut at dolor quis odio consequat varius integer ac
leo pellentesque ultrices mattis odio donec vitae nisi nam', 29,
'2016-09-04 00:39:59', 2);

-- TABLE forum-reply

INSERT INTO forum_reply (id, creation_date, content, post_id,
creator_id) VALUES (1, '2015-10-17 20:59:53', 'Maternal care for other
rhesus isoimmunization, third trimester, fetus 2', 15, 19);
INSERT INTO forum_reply (id, creation_date, content, post_id,
creator_id) VALUES (3, '2015-09-14 13:17:09', 'Pedal cycle passenger
injured in collision with other motor vehicles in traffic accident,
initial encounter', 94, 17);
INSERT INTO forum_reply (id, creation_date, content, post_id,
creator_id) VALUES (5, '2015-10-20 09:55:02', 'Bipolar disorder,
current episode mixed, severe, with psychotic features', 21, 20);
INSERT INTO forum_reply (id, creation_date, content, post_id,
creator_id) VALUES (2, '2016-02-12 08:05:11', 'Other contact with
horse, sequela', 60, 27);
INSERT INTO forum_reply (id, creation_date, content, post_id,
creator_id) VALUES (3, '2016-06-07 10:50:28', 'Split foot, right lower
limb', 82, 39);
INSERT INTO forum_reply (id, creation_date, content, post_id,
creator_id) VALUES (9, '2015-07-17 11:50:50', 'Displaced fracture of
acromial process, right shoulder, subsequent encounter for fracture
with delayed healing', 8, 77);
INSERT INTO forum_reply (id, creation_date, content, post_id,
creator_id) VALUES (2, '2016-04-25 06:06:37', 'Stable burst fracture of
second lumbar vertebra, subsequent encounter for fracture with delayed
healing', 60, 10);
INSERT INTO forum_reply (id, creation_date, content, post_id,
creator_id) VALUES (6, '2016-07-13 20:26:09', 'Strain of other flexor
muscle, fascia and tendon at forearm level, right arm, subsequent
encounter', 61, 18);
INSERT INTO forum_reply (id, creation_date, content, post_id,
creator_id) VALUES (6, '2015-10-08 09:27:17', 'Posterior dislocation of
right ulnohumeral joint', 78, 2);
INSERT INTO forum_reply (id, creation_date, content, post_id,
creator_id) VALUES (3, '2015-06-13 00:05:50', 'Varicose veins of
unspecified lower extremities with other complications', 100, 84);

-- TABLE file

INSERT INTO file (id, upload_date, uploader_id, project_id, name, path)
VALUES (1, '2016-05-31 03:17:32', 43, 14, 'pretium', 'id
```

```
consequat.cpt');
INSERT INTO file (id, upload_date, uploader_id, project_id, name, path)
VALUES (2, '2016-04-26 07:47:33', 4, 5, 'volutpat sapien arcu sed',
'hac.texinfo');
INSERT INTO file (id, upload_date, uploader_id, project_id, name, path)
VALUES (3, '2016-12-16 13:48:44', 51, 11, 'sit', 'potenti.py');
INSERT INTO file (id, upload_date, uploader_id, project_id, name, path)
VALUES (4, '2017-11-28 18:54:03', 32, 9, 'magnis', 'nisl.pbm');
INSERT INTO file (id, upload_date, uploader_id, project_id, name, path)
VALUES (5, '2018-03-16 22:11:35', 23, 24, 'justo morbi', 'sit
amet.aif');
INSERT INTO file (id, upload_date, uploader_id, project_id, name, path)
VALUES (6, '2017-03-07 14:47:41', 78, 2, 'rutrum rutrum neque aenean',
'turpis.tcl');
INSERT INTO file (id, upload_date, uploader_id, project_id, name, path)
VALUES (7, '2017-12-02 00:23:04', 8, 12, 'lobortis', 'donec.jut');
INSERT INTO file (id, upload_date, uploader_id, project_id, name, path)
VALUES (8, '2017-07-12 01:14:56', 52, 12, 'ipsum', 'quis orci
eget.aps');
INSERT INTO file (id, upload_date, uploader_id, project_id, name, path)
VALUES (9, '2016-05-07 06:27:19', 75, 29, 'cursus urna', 'dolor.sdml');
INSERT INTO file (id, upload_date, uploader_id, project_id, name, path)
VALUES (10, '2017-11-25 03:10:19', 52, 5, 'et commodo vulputate justo',
'eu pede.pfunk');

-- TABLE tag

INSERT INTO tag (id, name) VALUES (1, 'User-centric');
INSERT INTO tag (id, name) VALUES (2, 'eco-centric');
INSERT INTO tag (id, name) VALUES (3, 'zero administration');
INSERT INTO tag (id, name) VALUES (4, '3rd generation');
INSERT INTO tag (id, name) VALUES (5, 'national');
INSERT INTO tag (id, name) VALUES (6, 'Intuitive');
INSERT INTO tag (id, name) VALUES (7, 'eco-centric');
INSERT INTO tag (id, name) VALUES (8, 'array');
INSERT INTO tag (id, name) VALUES (9, 'Organized');
INSERT INTO tag (id, name) VALUES (10, 'leverage');

-- TABLE country

INSERT INTO country (id, name) VALUES (1,'Afghanistan');
INSERT INTO country (id, name) VALUES (2,'Åland Islands');
INSERT INTO country (id, name) VALUES (3,'Albania');
INSERT INTO country (id, name) VALUES (4,'Algeria');
INSERT INTO country (id, name) VALUES (5,'American Samoa');
INSERT INTO country (id, name) VALUES (6,'Andorra');
INSERT INTO country (id, name) VALUES (7,'Angola');
INSERT INTO country (id, name) VALUES (8,'Anguilla');
INSERT INTO country (id, name) VALUES (9,'Antarctica');
INSERT INTO country (id, name) VALUES (10,'Antigua & Barbuda');
INSERT INTO country (id, name) VALUES (11,'Argentina');
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INSERT INTO country (id, name) VALUES (12,'Armenia');
INSERT INTO country (id, name) VALUES (13,'Aruba');
INSERT INTO country (id, name) VALUES (14,'Ascension Island');
INSERT INTO country (id, name) VALUES (15,'Australia');
INSERT INTO country (id, name) VALUES (16,'Austria');
INSERT INTO country (id, name) VALUES (17,'Azerbaijan');
INSERT INTO country (id, name) VALUES (18,'Bahamas');
INSERT INTO country (id, name) VALUES (19,'Bahrain');
INSERT INTO country (id, name) VALUES (20,'Bangladesh');(E'BB',
E'Barbados');
INSERT INTO country (id, name) VALUES (21,'Belarus');
INSERT INTO country (id, name) VALUES (22,'Belgium');
INSERT INTO country (id, name) VALUES (23,'Belize');
INSERT INTO country (id, name) VALUES (24,'Benin');
INSERT INTO country (id, name) VALUES (25,'Bermuda');
INSERT INTO country (id, name) VALUES (26,'Bhutan');
INSERT INTO country (id, name) VALUES (27,'Bolivia');
INSERT INTO country (id, name) VALUES (28,'Bosnia & Herzegovina');
INSERT INTO country (id, name) VALUES (29,'Botswana');
INSERT INTO country (id, name) VALUES (30,'Brazil');
INSERT INTO country (id, name) VALUES (31,'British Indian Ocean
Territory');
INSERT INTO country (id, name) VALUES (32,'British Virgin Islands');
INSERT INTO country (id, name) VALUES (33,'Brunei');
INSERT INTO country (id, name) VALUES (34,'Bulgaria');
INSERT INTO country (id, name) VALUES (35,'Burkina Faso');
INSERT INTO country (id, name) VALUES (36,'Burundi');
INSERT INTO country (id, name) VALUES (37,'Cambodia');
INSERT INTO country (id, name) VALUES (38,'Cameroon');
INSERT INTO country (id, name) VALUES (39,'Canada');
INSERT INTO country (id, name) VALUES (40,'Canary Islands');
INSERT INTO country (id, name) VALUES (41,'Cape Verde');
INSERT INTO country (id, name) VALUES (42,'Caribbean Netherlands');
INSERT INTO country (id, name) VALUES (43,'Cayman Islands');
INSERT INTO country (id, name) VALUES (44,'Central African Republic');
INSERT INTO country (id, name) VALUES (45,'Ceuta & Melilla');
INSERT INTO country (id, name) VALUES (46,'Chad');
INSERT INTO country (id, name) VALUES (47,'Chile');
INSERT INTO country (id, name) VALUES (48,'China');
INSERT INTO country (id, name) VALUES (49,'Christmas Island');
INSERT INTO country (id, name) VALUES (50,'Cocos (Keeling) Islands');
INSERT INTO country (id, name) VALUES (51,'Colombia');
INSERT INTO country (id, name) VALUES (52,'Comoros');
INSERT INTO country (id, name) VALUES (53,'Congo - Brazzaville');
INSERT INTO country (id, name) VALUES (54,'Congo - Kinshasa');
INSERT INTO country (id, name) VALUES (55,'Cook Islands');
INSERT INTO country (id, name) VALUES (56,'Costa Rica');
INSERT INTO country (id, name) VALUES (57,'Côte d'Ivoire');
INSERT INTO country (id, name) VALUES (58,'Croatia');
INSERT INTO country (id, name) VALUES (59,'Cuba');
INSERT INTO country (id, name) VALUES (60,'Curaçao');
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INSERT INTO country (id, name) VALUES (61,'Cyprus');
INSERT INTO country (id, name) VALUES (62,'Czech Republic');
INSERT INTO country (id, name) VALUES (63,'Denmark');
INSERT INTO country (id, name) VALUES (64,'Diego Garcia');
INSERT INTO country (id, name) VALUES (65,'Djibouti');
INSERT INTO country (id, name) VALUES (66,'Dominican Republic');
INSERT INTO country (id, name) VALUES (67,'Ecuador');
INSERT INTO country (id, name) VALUES (68,'Egypt');
INSERT INTO country (id, name) VALUES (69,'El Salvador');
INSERT INTO country (id, name) VALUES (70,'Equatorial Guinea');
INSERT INTO country (id, name) VALUES (71,'Eritrea');
INSERT INTO country (id, name) VALUES (72,'Estonia');
INSERT INTO country (id, name) VALUES (73,'Ethiopia');
INSERT INTO country (id, name) VALUES (74,'Falkland Islands');
INSERT INTO country (id, name) VALUES (75,'Faroe Islands');
INSERT INTO country (id, name) VALUES (76,'Fiji');
INSERT INTO country (id, name) VALUES (77,'Finland');
INSERT INTO country (id, name) VALUES (78,'France');
INSERT INTO country (id, name) VALUES (79,'French Guiana');
INSERT INTO country (id, name) VALUES (80,'French Polynesia');
INSERT INTO country (id, name) VALUES (81,'French Southern
Territories');
INSERT INTO country (id, name) VALUES (82,'Gabon');
INSERT INTO country (id, name) VALUES (83,'Gambia');
INSERT INTO country (id, name) VALUES (84,'Georgia');
INSERT INTO country (id, name) VALUES (85,'Germany');
INSERT INTO country (id, name) VALUES (86,'Ghana');
INSERT INTO country (id, name) VALUES (87,'Gibraltar');
INSERT INTO country (id, name) VALUES (88,'Greece');
INSERT INTO country (id, name) VALUES (89,'Greenland');
INSERT INTO country (id, name) VALUES (90,'Grenada');
INSERT INTO country (id, name) VALUES (91,'Guadeloupe');
INSERT INTO country (id, name) VALUES (92,'Guam');
INSERT INTO country (id, name) VALUES (93,'Guatemala');
INSERT INTO country (id, name) VALUES (94,'Guernsey');
INSERT INTO country (id, name) VALUES (95,'Guinea');
INSERT INTO country (id, name) VALUES (96,'Guinea-Bissau');
INSERT INTO country (id, name) VALUES (97,'Guyana');
INSERT INTO country (id, name) VALUES (98,'Haiti');
INSERT INTO country (id, name) VALUES (99,'Honduras');
INSERT INTO country (id, name) VALUES (100,'Hong Kong SAR China');
INSERT INTO country (id, name) VALUES (101,'Hungary');
INSERT INTO country (id, name) VALUES (102,'Iceland');
INSERT INTO country (id, name) VALUES (103,'India');
INSERT INTO country (id, name) VALUES (104,'Indonesia');
INSERT INTO country (id, name) VALUES (105,'Iran');
INSERT INTO country (id, name) VALUES (106,'Iraq');
INSERT INTO country (id, name) VALUES (107,'Ireland');
INSERT INTO country (id, name) VALUES (108,'Isle of Man');
INSERT INTO country (id, name) VALUES (109,'Israel');
INSERT INTO country (id, name) VALUES (110,'Italy');
```

```sql
INSERT INTO country (id, name) VALUES (111,'Jamaica');
INSERT INTO country (id, name) VALUES (112,'Japan');
INSERT INTO country (id, name) VALUES (113,'Jersey');
INSERT INTO country (id, name) VALUES (114,'Jordan');
INSERT INTO country (id, name) VALUES (115,'Kazakhstan');
INSERT INTO country (id, name) VALUES (116,'Kenya');
INSERT INTO country (id, name) VALUES (117,'Kiribati');
INSERT INTO country (id, name) VALUES (118,'Kosovo');
INSERT INTO country (id, name) VALUES (119,'Kuwait');
INSERT INTO country (id, name) VALUES (120,'Kyrgyzstan');
INSERT INTO country (id, name) VALUES (121,'Laos');
INSERT INTO country (id, name) VALUES (122,'Latvia');
INSERT INTO country (id, name) VALUES (123,'Lebanon');
INSERT INTO country (id, name) VALUES (124,'Lesotho');
INSERT INTO country (id, name) VALUES (125,'Liberia');
INSERT INTO country (id, name) VALUES (126,'Libya');
INSERT INTO country (id, name) VALUES (127,'Liechtenstein');
INSERT INTO country (id, name) VALUES (128,'Lithuania');
INSERT INTO country (id, name) VALUES (129,'Luxembourg');
INSERT INTO country (id, name) VALUES (130,'Macau SAR China');
INSERT INTO country (id, name) VALUES (131,'Macedonia');
INSERT INTO country (id, name) VALUES (132,'Madagascar');
INSERT INTO country (id, name) VALUES (133,'Malawi');
INSERT INTO country (id, name) VALUES (134,'Malaysia');
INSERT INTO country (id, name) VALUES (135,'Maldives');
INSERT INTO country (id, name) VALUES (136,'Mali');
INSERT INTO country (id, name) VALUES (137,'Malta');
INSERT INTO country (id, name) VALUES (138,'Marshall Islands');
INSERT INTO country (id, name) VALUES (139,'Martinique');
INSERT INTO country (id, name) VALUES (140,'Mauritania');
INSERT INTO country (id, name) VALUES (141,'Mauritius');
INSERT INTO country (id, name) VALUES (142,'Mayotte');
INSERT INTO country (id, name) VALUES (143,'Mexico');
INSERT INTO country (id, name) VALUES (144,'Micronesia');
INSERT INTO country (id, name) VALUES (145,'Moldova');
INSERT INTO country (id, name) VALUES (146,'Monaco');
INSERT INTO country (id, name) VALUES (147,'Mongolia');
INSERT INTO country (id, name) VALUES (148,'Montenegro');
INSERT INTO country (id, name) VALUES (149,'Montserrat');
INSERT INTO country (id, name) VALUES (150,'Morocco');
INSERT INTO country (id, name) VALUES (151,'Mozambique');
INSERT INTO country (id, name) VALUES (152,'Myanmar (Burma)');
INSERT INTO country (id, name) VALUES (153,'Namibia');
INSERT INTO country (id, name) VALUES (154,'Nauru');
INSERT INTO country (id, name) VALUES (155,'Nepal');
INSERT INTO country (id, name) VALUES (156,'Netherlands');
INSERT INTO country (id, name) VALUES (157,'New Caledonia');
INSERT INTO country (id, name) VALUES (158,'New Zealand');
INSERT INTO country (id, name) VALUES (159,'Nicaragua');
INSERT INTO country (id, name) VALUES (160,'Niger');
INSERT INTO country (id, name) VALUES (161,'Nigeria');
```

```sql
INSERT INTO country (id, name) VALUES (162,'Niue');
INSERT INTO country (id, name) VALUES (163,'Norfolk Island');
INSERT INTO country (id, name) VALUES (164,'North Korea');
INSERT INTO country (id, name) VALUES (165,'Northern Mariana Islands');
INSERT INTO country (id, name) VALUES (166,'Norway');
INSERT INTO country (id, name) VALUES (167,'Oman');
INSERT INTO country (id, name) VALUES (168,'Pakistan');
INSERT INTO country (id, name) VALUES (169,'Palau');
INSERT INTO country (id, name) VALUES (170,'Palestinian Territories');
INSERT INTO country (id, name) VALUES (171,'Panama');
INSERT INTO country (id, name) VALUES (172,'Papua New Guinea');
INSERT INTO country (id, name) VALUES (173,'Paraguay');
INSERT INTO country (id, name) VALUES (174,'Peru');
INSERT INTO country (id, name) VALUES (175,'Philippines');
INSERT INTO country (id, name) VALUES (176,'Pitcairn Islands');
INSERT INTO country (id, name) VALUES (177,'Poland');
INSERT INTO country (id, name) VALUES (178,'Portugal');
INSERT INTO country (id, name) VALUES (179,'Puerto Rico');
INSERT INTO country (id, name) VALUES (180,'Qatar');
INSERT INTO country (id, name) VALUES (181,'Réunion');
INSERT INTO country (id, name) VALUES (182,'Romania');
INSERT INTO country (id, name) VALUES (183,'Russia');
INSERT INTO country (id, name) VALUES (184,'Rwanda');
INSERT INTO country (id, name) VALUES (185,'Samoa');
INSERT INTO country (id, name) VALUES (186,'San Marino');
INSERT INTO country (id, name) VALUES (187,'São Tomé & Príncipe');
INSERT INTO country (id, name) VALUES (188,'Saudi Arabia');
INSERT INTO country (id, name) VALUES (189,'Senegal');
INSERT INTO country (id, name) VALUES (190,'Serbia');
INSERT INTO country (id, name) VALUES (191,'Seychelles');
INSERT INTO country (id, name) VALUES (192,'Sierra Leone');
INSERT INTO country (id, name) VALUES (193,'Singapore');
INSERT INTO country (id, name) VALUES (194,'Sint Maarten');
INSERT INTO country (id, name) VALUES (195,'Slovakia');
INSERT INTO country (id, name) VALUES (196,'Slovenia');
INSERT INTO country (id, name) VALUES (197,'Solomon Islands');
INSERT INTO country (id, name) VALUES (198,'Somalia');
INSERT INTO country (id, name) VALUES (199,'South Africa');
INSERT INTO country (id, name) VALUES (200,'South Georgia & South
Sandwich Islands');
INSERT INTO country (id, name) VALUES (201,'South Korea');
INSERT INTO country (id, name) VALUES (202,'South Sudan');
INSERT INTO country (id, name) VALUES (203,'Spain');
INSERT INTO country (id, name) VALUES (204,'Sri Lanka');
INSERT INTO country (id, name) VALUES (205,'St. Barthélemy');
INSERT INTO country (id, name) VALUES (206,'St. Helena');
INSERT INTO country (id, name) VALUES (207,'St. Kitts & Nevis');
INSERT INTO country (id, name) VALUES (208,'St. Lucia');
INSERT INTO country (id, name) VALUES (209,'St. Martin');
INSERT INTO country (id, name) VALUES (210,'St. Pierre & Miquelon');
INSERT INTO country (id, name) VALUES (211,'St. Vincent & Grenadines');
```

```sql
INSERT INTO country (id, name) VALUES (212,'Sudan');
INSERT INTO country (id, name) VALUES (213,'Suriname');
INSERT INTO country (id, name) VALUES (214,'Svalbard & Jan Mayen');
INSERT INTO country (id, name) VALUES (215,'Swaziland');
INSERT INTO country (id, name) VALUES (216,'Sweden');
INSERT INTO country (id, name) VALUES (217,'Switzerland');
INSERT INTO country (id, name) VALUES (218,'Syria');
INSERT INTO country (id, name) VALUES (219,'Taiwan');
INSERT INTO country (id, name) VALUES (220,'Tajikistan');
INSERT INTO country (id, name) VALUES (221,'Tanzania');
INSERT INTO country (id, name) VALUES (222,'Thailand');
INSERT INTO country (id, name) VALUES (223,'Timor-Leste');
INSERT INTO country (id, name) VALUES (224,'Togo');
INSERT INTO country (id, name) VALUES (225,'Tokelau');
INSERT INTO country (id, name) VALUES (226,'Tonga');
INSERT INTO country (id, name) VALUES (227,'Trinidad & Tobago');
INSERT INTO country (id, name) VALUES (228,'Tristan da Cunha');
INSERT INTO country (id, name) VALUES (229,'Tunisia');
INSERT INTO country (id, name) VALUES (230,'Turkey');
INSERT INTO country (id, name) VALUES (231,'Turkmenistan');
INSERT INTO country (id, name) VALUES (232,'Turks & Caicos Islands');
INSERT INTO country (id, name) VALUES (233,'Tuvalu');
INSERT INTO country (id, name) VALUES (234,'U.S. Outlying Islands');
INSERT INTO country (id, name) VALUES (235,'U.S. Virgin Islands');
INSERT INTO country (id, name) VALUES (236,'Uganda');
INSERT INTO country (id, name) VALUES (237,'Ukraine');
INSERT INTO country (id, name) VALUES (238,'United Arab Emirates');
INSERT INTO country (id, name) VALUES (239,'United Kingdom');
INSERT INTO country (id, name) VALUES (240,'United States');
INSERT INTO country (id, name) VALUES (241,'Uruguay');
INSERT INTO country (id, name) VALUES (242,'Uzbekistan');
INSERT INTO country (id, name) VALUES (243,'Vanuatu');
INSERT INTO country (id, name) VALUES (244,'Vatican City');
INSERT INTO country (id, name) VALUES (245,'Venezuela');
INSERT INTO country (id, name) VALUES (246,'Vietnam');
INSERT INTO country (id, name) VALUES (247,'Wallis & Futuna');
INSERT INTO country (id, name) VALUES (248,'Western Sahara');
INSERT INTO country (id, name) VALUES (249,'Yemen');
INSERT INTO country (id, name) VALUES (250,'Zambia');
INSERT INTO country (id, name) VALUES (251,'Zimbabwe');

-- TABLE user_project

INSERT INTO user_project (id_user, id_project, is_coordinator) VALUES
(7, 3, FALSE);
INSERT INTO user_project (id_user, id_project, is_coordinator) VALUES
(30, 1, TRUE);
INSERT INTO user_project (id_user, id_project, is_coordinator) VALUES
(57, 4, TRUE);
INSERT INTO user_project (id_user, id_project, is_coordinator) VALUES
(25, 4, TRUE);
```

```sql
INSERT INTO user_project (id_user, id_project, is_coordinator) VALUES
(57, 2, TRUE);
INSERT INTO user_project (id_user, id_project, is_coordinator) VALUES
(66, 3, FALSE);
INSERT INTO user_project (id_user, id_project, is_coordinator) VALUES
(24, 3, FALSE);
INSERT INTO user_project (id_user, id_project, is_coordinator) VALUES
(96, 4, TRUE);
INSERT INTO user_project (id_user, id_project, is_coordinator) VALUES
(43, 2, TRUE);
INSERT INTO user_project (id_user, id_project, is_coordinator) VALUES
(56, 5, TRUE);

-- TABLE task_tag

INSERT INTO task_tag (tag_id, task_id) VALUES (1, 16);
INSERT INTO task_tag (tag_id, task_id) VALUES (7, 8);
INSERT INTO task_tag (tag_id, task_id) VALUES (6, 10);
INSERT INTO task_tag (tag_id, task_id) VALUES (4, 12);
INSERT INTO task_tag (tag_id, task_id) VALUES (3, 7);
INSERT INTO task_tag (tag_id, task_id) VALUES (5, 13);
INSERT INTO task_tag (tag_id, task_id) VALUES (5, 17);
INSERT INTO task_tag (tag_id, task_id) VALUES (4, 2);
INSERT INTO task_tag (tag_id, task_id) VALUES (5, 20);
INSERT INTO task_tag (tag_id, task_id) VALUES (9, 1);

-- TABLE user_meeting

INSERT INTO user_meeting (user_id, meeting_id) VALUES (3, 3);
INSERT INTO user_meeting (user_id, meeting_id) VALUES (2, 6);
INSERT INTO user_meeting (user_id, meeting_id) VALUES (6, 8);
INSERT INTO user_meeting (user_id, meeting_id) VALUES (8, 8);
INSERT INTO user_meeting (user_id, meeting_id) VALUES (3, 6);
INSERT INTO user_meeting (user_id, meeting_id) VALUES (8, 2);
INSERT INTO user_meeting (user_id, meeting_id) VALUES (1, 4);
INSERT INTO user_meeting (user_id, meeting_id) VALUES (10, 3);
INSERT INTO user_meeting (user_id, meeting_id) VALUES (1, 1);
INSERT INTO user_meeting (user_id, meeting_id) VALUES (5, 2);

-- TABLE file_meeting

INSERT INTO file_meeting (file_id, meeting_id) VALUES (6, 6);
INSERT INTO file_meeting (file_id, meeting_id) VALUES (5, 1);
INSERT INTO file_meeting (file_id, meeting_id) VALUES (9, 9);
INSERT INTO file_meeting (file_id, meeting_id) VALUES (5, 5);
INSERT INTO file_meeting (file_id, meeting_id) VALUES (9, 10);

-- TABLE file_tag

INSERT INTO file_tag (tag_id, file_id) VALUES (3, 1);
INSERT INTO file_tag (tag_id, file_id) VALUES (3, 10);
```

```sql
INSERT INTO file_tag (tag_id, file_id) VALUES (9, 6);
INSERT INTO file_tag (tag_id, file_id) VALUES (6, 8);
INSERT INTO file_tag (tag_id, file_id) VALUES (10, 8);
INSERT INTO file_tag (tag_id, file_id) VALUES (2, 8);
INSERT INTO file_tag (tag_id, file_id) VALUES (6, 6);
INSERT INTO file_tag (tag_id, file_id) VALUES (3, 6);
INSERT INTO file_tag (tag_id, file_id) VALUES (9, 6);
INSERT INTO file_tag (tag_id, file_id) VALUES (6, 8);

-- TABLE comment_like

INSERT INTO comment_like (id_comment, id_user) VALUES (1, 5);
INSERT INTO comment_like (id_comment, id_user) VALUES (17, 6);
INSERT INTO comment_like (id_comment, id_user) VALUES (19, 7);
INSERT INTO comment_like (id_comment, id_user) VALUES (9, 9);
INSERT INTO comment_like (id_comment, id_user) VALUES (7, 1);
INSERT INTO comment_like (id_comment, id_user) VALUES (14, 9);
INSERT INTO comment_like (id_comment, id_user) VALUES (3, 9);
INSERT INTO comment_like (id_comment, id_user) VALUES (2, 5);
INSERT INTO comment_like (id_comment, id_user) VALUES (16, 3);
INSERT INTO comment_like (id_comment, id_user) VALUES (4, 8);
INSERT INTO comment_like (id_comment, id_user) VALUES (19, 7);
INSERT INTO comment_like (id_comment, id_user) VALUES (19, 2);
INSERT INTO comment_like (id_comment, id_user) VALUES (9, 1);
INSERT INTO comment_like (id_comment, id_user) VALUES (10, 7);
INSERT INTO comment_like (id_comment, id_user) VALUES (20, 10);
INSERT INTO comment_like (id_comment, id_user) VALUES (14, 7);
INSERT INTO comment_like (id_comment, id_user) VALUES (12, 8);
INSERT INTO comment_like (id_comment, id_user) VALUES (3, 7);
INSERT INTO comment_like (id_comment, id_user) VALUES (15, 10);
INSERT INTO comment_like (id_comment, id_user) VALUES (4, 5);

-- TABLE forum_post_like

INSERT INTO forum_post_like (id_post, id_user) VALUES (8, 7);
INSERT INTO forum_post_like (id_post, id_user) VALUES (1, 10);
INSERT INTO forum_post_like (id_post, id_user) VALUES (6, 8);
INSERT INTO forum_post_like (id_post, id_user) VALUES (10, 9);
INSERT INTO forum_post_like (id_post, id_user) VALUES (2, 5);
INSERT INTO forum_post_like (id_post, id_user) VALUES (8, 7);
INSERT INTO forum_post_like (id_post, id_user) VALUES (10, 9);
INSERT INTO forum_post_like (id_post, id_user) VALUES (3, 1);
INSERT INTO forum_post_like (id_post, id_user) VALUES (9, 6);
INSERT INTO forum_post_like (id_post, id_user) VALUES (6, 6);
INSERT INTO forum_post_like (id_post, id_user) VALUES (9, 6);
INSERT INTO forum_post_like (id_post, id_user) VALUES (10, 10);
INSERT INTO forum_post_like (id_post, id_user) VALUES (3, 4);
INSERT INTO forum_post_like (id_post, id_user) VALUES (6, 6);
INSERT INTO forum_post_like (id_post, id_user) VALUES (6, 9);
INSERT INTO forum_post_like (id_post, id_user) VALUES (8, 1);
INSERT INTO forum_post_like (id_post, id_user) VALUES (4, 2);
```

```sql
INSERT INTO forum_post_like (id_post, id_user) VALUES (9, 1);
INSERT INTO forum_post_like (id_post, id_user) VALUES (3, 1);
INSERT INTO forum_post_like (id_post, id_user) VALUES (6, 2);

-- TABLE forum_reply_like

INSERT INTO forum_reply_like (id_reply, id_user) VALUES (5, 9);
INSERT INTO forum_reply_like (id_reply, id_user) VALUES (2, 7);
INSERT INTO forum_reply_like (id_reply, id_user) VALUES (8, 9);
INSERT INTO forum_reply_like (id_reply, id_user) VALUES (7, 8);
INSERT INTO forum_reply_like (id_reply, id_user) VALUES (1, 3);
INSERT INTO forum_reply_like (id_reply, id_user) VALUES (5, 6);
INSERT INTO forum_reply_like (id_reply, id_user) VALUES (9, 1);

-- TABLE meeting

INSERT INTO meeting (id, name, DATE, duration, description, id_creator,
id_project) VALUES (1, 'Senior Sales Associate', '2017-02-11 12:03:57',
27, 'Ischiocapsular ligament sprain of right hip, sequela', 4, 3);
INSERT INTO meeting (id, name, DATE, duration, description, id_creator,
id_project) VALUES (2, 'Nurse', '2016-05-08 18:53:38', 103,
'Pathological fracture, unsp femur, subs for fx w routn heal', 1, 2);
INSERT INTO meeting (id, name, DATE, duration, description, id_creator,
id_project) VALUES (3, 'Electrical Engineer', '2016-11-03 01:48:53',
177, 'Passenger on bus injured in clsn w nonmtr vehicle in traf', 1,
4);
INSERT INTO meeting (id, name, DATE, duration, description, id_creator,
id_project) VALUES (4, 'Staff Scientist', '2016-09-04 09:03:08', 58,
'Dislocation of oth prt left shoulder girdle, init encntr', 10, 1);
INSERT INTO meeting (id, name, DATE, duration, description, id_creator,
id_project) VALUES (5, 'Recruiter', '2017-02-04 23:16:17', 158,
'Crushing injury of right thumb, subsequent encounter', 1, 3);
INSERT INTO meeting (id, name, DATE, duration, description, id_creator,
id_project) VALUES (6, 'Marketing Assistant', '2016-10-14 10:46:49', 3,
'Toxic effect of contact w oth venomous plant, self-harm', 10, 5);
INSERT INTO meeting (id, name, DATE, duration, description, id_creator,
id_project) VALUES (7, 'Physical Therapy Assistant', '2016-06-03
20:47:15', 1, 'Inj msl/fasc/tnd posterior grp at thi lev, right thigh,
init', 8, 4);
INSERT INTO meeting (id, name, DATE, duration, description, id_creator,
id_project) VALUES (8, 'Project Manager', '2016-10-29 15:28:19', 73,
'Abrasion, unspecified thigh, initial encounter', 1, 2);
INSERT INTO meeting (id, name, DATE, duration, description, id_creator,
id_project) VALUES (9, 'Physical Therapy Assistant', '2016-09-02
07:55:16', 169, 'Poisoning by other viral vaccines, undetermined, init
encntr', 8, 5);
INSERT INTO meeting (id, name, DATE, duration, description, id_creator,
id_project) VALUES (10, 'Senior Developer', '2016-10-18 10:09:38', 134,
'Other superficial bite of breast, right breast, init encntr', 9, 5);
INSERT INTO meeting (id, name, DATE, duration, description, id_creator,
id_project) VALUES (11, 'Web Designer III', '2017-02-23 15:02:16', 60,
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'Disorder of ligament, right foot', 5, 5);
INSERT INTO meeting (id, name, DATE, duration, description, id_creator,
id_project) VALUES (12, 'Engineer I', '2017-01-16 16:01:47', 149,
'Nondisp fx of trapezd, unsp wrist, subs for fx w delay heal', 5, 3);
```

— *LBAW*

[Direkt]

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