# DATA DICTIONARY
## Participation Tables Dataset
## Release 1
## 4/4/2014

This data dictionary contains the tables from the P2PU database that relate to users and classes. These are:

- users_userprofile
- projects_project
- projects_participation
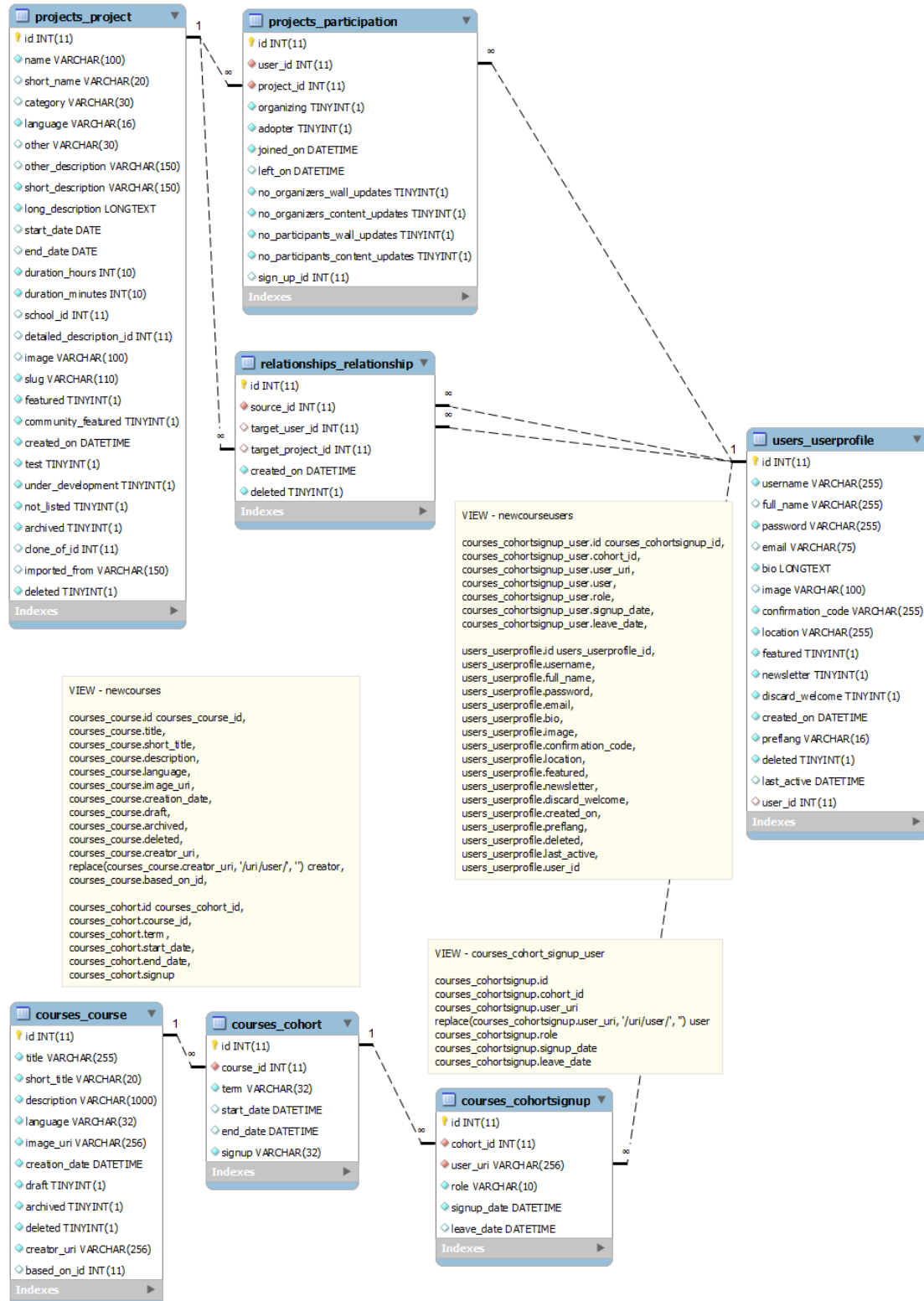- relationships_relationship
- courses_cohort

Additional data files newcourses and newcourseusers are included in the release that are created from views. The view definitions can be found in the included data model.

Some data fields have been removed to protect the privacy of P2PU users. Those fields are indicated in the tables below with a ~~strikethrough~~ format.

Older classes that appeared on the P2PU website in the past have records stored in the projects_project, projects_participation, and relationships_relationship tables. Newer class records are stored in the newcourses, courses_cohort, and newcourseusers tables and views.

The data contained in this release is a snapshot of the P2PU database that was captured on Sept 17, 2013.

# DATA MODEL

**projects_project**
- id INT(11)
- name VARCHAR(100)
- short_name VARCHAR(20)
- category VARCHAR(30)
- language VARCHAR(16)
- other VARCHAR(30)
- other_description VARCHAR(150)
- short_description VARCHAR(150)
- long_description LONGTEXT
- start_date DATE
- end_date DATE
- duration_hours INT(10)
- duration_minutes INT(10)
- school_id INT(11)
- detailed_description_id INT(11)
- image VARCHAR(100)
- slug VARCHAR(110)
- featured TINYINT(1)
- community_featured TINYINT(1)
- created_on DATETIME
- test TINYINT(1)
- under_development TINYINT(1)
- not_listed TINYINT(1)
- archived TINYINT(1)
- clone_of_id INT(11)
- imported_from VARCHAR(150)
- deleted TINYINT(1)
- Indexes

**projects_participation**
- id INT(11)
- user_id INT(11)
- project_id INT(11)
- organizing TINYINT(1)
- adopter TINYINT(1)
- joined_on DATETIME
- left_on DATETIME
- no_organizers_wall_updates TINYINT(1)
- no_organizers_content_updates TINYINT(1)
- no_participants_wall_updates TINYINT(1)
- no_participants_content_updates TINYINT(1)
- sign_up_id INT(11)
- Indexes

**relationships_relationship**
- id INT(11)
- source_id INT(11)
- target_user_id INT(11)
- target_project_id INT(11)
- created_on DATETIME
- deleted TINYINT(1)
- Indexes

**users_userprofile**
- id INT(11)
- username VARCHAR(255)
- full_name VARCHAR(255)
- password VARCHAR(255)
- email VARCHAR(75)
- bio LONGTEXT
- image VARCHAR(100)
- confirmation_code VARCHAR(255)
- location VARCHAR(255)
- featured TINYINT(1)
- newsletter TINYINT(1)
- discard_welcome TINYINT(1)
- created_on DATETIME
- preflang VARCHAR(16)
- deleted TINYINT(1)
- last_active DATETIME
- user_id INT(11)
- Indexes

VIEW - newcourseusers

courses_cohortsignup_user.id courses_cohortsignup_id,
courses_cohortsignup_user.cohort_id,
courses_cohortsignup_user.user_uri,
courses_cohortsignup_user.user,
courses_cohortsignup_user.role,
courses_cohortsignup_user.signup_date,
courses_cohortsignup_user.leave_date,

users_userprofile.id users_userprofile_id,
users_userprofile.username,
users_userprofile.full_name,
users_userprofile.password,
users_userprofile.email,
users_userprofile.bio,
users_userprofile.image,
users_userprofile.confirmation_code,
users_userprofile.location,
users_userprofile.featured,
users_userprofile.newsletter,
users_userprofile.discard_welcome,
users_userprofile.created_on,
users_userprofile.preflang,
users_userprofile.deleted,
users_userprofile.last_active,
users_userprofile.user_id

VIEW - newcourses

courses_course.id courses_course_id,
courses_course.title,
courses_course.short_title,
courses_course.description,
courses_course.language,
courses_course.image_uri,
courses_course.creation_date,
courses_course.draft,
courses_course.archived,
courses_course.deleted,
courses_course.creator_uri,
replace(courses_course.creator_uri, '/uri/user/', '') creator,
courses_course.based_on_id,

courses_cohort.id courses_cohort_id,
courses_cohort.course_id,
courses_cohort.term,
courses_cohort.start_date,
courses_cohort.end_date,
courses_cohort.signup

VIEW - courses_cohort_signup_user

courses_cohortsignup.id
courses_cohortsignup.cohort_id
courses_cohortsignup.user_uri
replace(courses_cohortsignup.user_uri, '/uri/user/', '') user
courses_cohortsignup.role
courses_cohortsignup.signup_date
courses_cohortsignup.leave_date

**courses_course**
- id INT(11)
- title VARCHAR(255)
- short_title VARCHAR(20)
- description VARCHAR(1000)
- language VARCHAR(32)
- image_uri VARCHAR(256)
- creation_date DATETIME
- draft TINYINT(1)
- archived TINYINT(1)
- deleted TINYINT(1)
- creator_uri VARCHAR(256)
- based_on_id INT(11)
- Indexes

**courses_cohort**
- id INT(11)
- course_id INT(11)
- term VARCHAR(32)
- start_date DATETIME
- end_date DATETIME
- signup VARCHAR(32)
- Indexes

**courses_cohortsignup**
- id INT(11)
- cohort_id INT(11)
- user_uri VARCHAR(256)
- role VARCHAR(10)
- signup_date DATETIME
- leave_date DATETIME
- Indexes

# USERS
## users_userprofile Table

This table stores all the user related profile information in this field.

| COLUMN_NAME | COLUMN_TYPE | IS_NULLABLE | COLUMN_KEY | JOINS TO | DESCRIPTION |
|---|---|---|---|---|---|
| id | int(11) | NO | PRI | | Unique identifier |
| ~~username~~ | ~~varchar(255)~~ | ~~NO~~ | ~~UNI~~ | | ~~The name a user is identified with on the website~~ |
| ~~full_name~~ | ~~varchar(255)~~ | ~~YES~~ | ~~-~~ | ~~-~~ | ~~The first name and the last name of a user~~ |
| ~~password~~ | ~~varchar(255)~~ | ~~NO~~ | ~~-~~ | ~~-~~ | ~~The password to the user's account~~ |
| ~~email~~ | ~~varchar(75)~~ | ~~YES~~ | ~~UNI~~ | ~~-~~ | ~~Email id of the user~~ |
| ~~bio~~ | ~~longtext~~ | ~~NO~~ | ~~-~~ | ~~-~~ | ~~A short description written by the user, identifying the skills and interests he has~~ |
| ~~image~~ | ~~varchar(100)~~ | ~~YES~~ | ~~-~~ | ~~-~~ | ~~A user selects an image to personalize his profile~~ |
| ~~confirmation_code~~ | ~~varchar(255)~~ | ~~NO~~ | ~~-~~ | ~~-~~ | ~~The code sent to the user's email id to confirm the account creation~~ |
| location | varchar(255) | NO | | | The geographic location of the user |
| featured | tinyint(1) | NO | | | |
| ~~newsletter~~ | ~~tinyint(1)~~ | ~~NO~~ | ~~-~~ | ~~-~~ | |
| ~~discard_welcome~~ | ~~tinyint(1)~~ | ~~NO~~ | ~~-~~ | ~~-~~ | ~~If the user would like to see the welcome message on every log in~~ |
| created_on | datetime | NO | | | The date the user created the account on |
| preflang | varchar(16) | NO | | | The language the user prefers while interacting with the P2PU site. |
| deleted | tinyint(1) | NO | | | A user has the option of deleting his account, this variable stores if the account is deleted or active |
| last_active | datetime | YES | | | The last date the user was active on the site |
| ~~user_id~~ | ~~int(11)~~ | ~~YES~~ | ~~MUL~~ | ~~auth_user.id~~ | ~~Same as id, used to identify a unique user~~ |

## relationships_relationship Table

This table contains tracks relationships between a user and a project and also the relationships

between two users.  A record is created in the relationships_relationship table for each organizer, participant, and follower of a course.  An additional record is created in the projects_participation table for organizers and participants of the course, but not followers.

| COLUMN_NAME | COLUMN_TYPE | IS_NULLABLE | COLUMN_KEY | JOINS TO | DESCRIPTION |
|---|---|---|---|---|---|
| id | int(11) | NO | PRI | | Unique identifier |
| source_id | int(11) | NO | MUL | users_userprofile.id | User who has a relationship with another user or a project |
| target_user_id | int(11) | YES | MUL | users_userprofile.id | Second user in the relationship |
| target_project_id | int(11) | YES | MUL | Projects_project.id | Project the user is related to. |
| created_on | datetime | NO | | | Date the relationship was created |
| deleted | tinyint(1) | NO | | | Flag field: indicates whether the relationship was deleted |

# OLD CLASSES (PROJECTS)

## projects_project Table
This table contains the main content for each project (old class). It relates each course to a school. It categorizes projects into 'course', 'challenge' and 'study group'. It contains the language for each course, start date, end date and the status of the course e.g. if it's under development or archived or a test project.

| COLUMN_NAME | COLUMN_TYPE | IS_NULLABLE | COLUMN_KEY | JOINS TO | DESCRIPTION |
|---|---|---|---|---|---|
| id | int(11) | NO | PRI | | Unique identifier |
| name | varchar(100) | NO | | | Name of the course |
| short_name | varchar(20) | YES | | | Internal course identifier (e.g. Course 1, Course 2, etc) |
| category | varchar(30) | YES | | | Kind of course (e.g. Study group, Challenge, Course) |
| language | varchar(16) | NO | | | Abbreviation for the language of the course content (e.g. "en" = English) |
| other | varchar(30) | YES | | | Kind of course (if other than 3 in Category field) - overrides category field |
| other_description | varchar(150) | YES | | | Description of the Other field |
| short_description | varchar(150) | NO | | | Short description of the course - Displays on |

| | | | | | the left info panel of the course page below course image |
|---|---|---|---|---|---|
| long_description | longtext | NO | | | Long description of the course - Displays on the left info panel of the course page below short description |
| start_date | date | YES | | | Start date of the course (used if the course is offered for a specified time frame) |
| end_date | date | YES | | | End date of the course (used if the course is offered for a specified time frame) |
| duration_hours | int(10) unsigned | NO | | | Time it should take to complete the course, hours unit |
| duration_minutes | int(10) unsigned | NO | | | Time it should take to complete the course, minutes unit |
| school_id | int(11) | YES | MUL | | ID for the school that the course is associated with |
| detailed_description_id | int(11) | YES | MUL | | ID for the full description of the course |
| image | varchar(100) | YES | | | Path and file name for the image displayed on the course page |
| slug | varchar(110) | NO | UNI | | Portion of the URL used in the class URL path for the course |
| featured | tinyint(1) | NO | | | Course is featured on the main page p2pu.org (value of 1 = featured) |
| community_featured | tinyint(1) | NO | | | ? Course is featured on a sub page (value of 1 = featured) |
| created_on | datetime | NO | | | Date the record was created on |
| test | tinyint(1) | NO | | | Status flag for the course (value of 1 = course is a test course) |
| under_development | tinyint(1) | NO | | | Status flag for the course (value of 1 = course is under development) |
| not_listed | tinyint(1) | NO | | | Status flag for the course (value of 1 = course is not listed) |
| archived | tinyint(1) | NO | | | Status flag for the course (value of 1 = course is archived) |
| clone_of_id | int(11) | YES | MUL | | Link to a parent course that the course was cloned from |
| imported_from | varchar(150) | YES | | | Historical information for courses that were imported from the old Drupal based P2PU site |
| deleted | tinyint(1) | NO | | | Status flag for the course (value of 1 = course has been deleted) |

# projects_participation Table

This table contains the activity of a user on a project (e.g. joined/left dates, count of updates by type, whether organizer/adopter). A record is created in the relationships_relationship table for each organizer, participant, and follower of a course. An additional record is created in the projects_participation table for organizers and participants of the course, but not followers.

| COLUMN_NAME | COLUMN_TYPE | IS_NULLABLE | COLUMN_KEY | JOINS TO | DESCRIPTION |
|---|---|---|---|---|---|
| id | int(11) | NO | PRI | | Unique identifier |
| user_id | int(11) | NO | MUL | Users_userprofile.id | The user who participated in a course/project |
| project_id | int(11) | NO | MUL | Projects_project.id | The project the user participated in |
| organizing | tinyint(1) | NO | | | Flag field: indicates that the user is an organizer for the course |
| adopter | tinyint(1) | NO | | | Flag field: indicates that the user is an adopter for the course |
| joined_on | datetime | NO | | | Date that the user joined the course |
| left_on | datetime | YES | | | Date that the user left the course |
| no_organizers_wall_updates | tinyint(1) | NO | | | User's notification preferences for the course: indicates that user wants to be notified when organizers post a status to the course wall |
| no_organizers_content_updates | tinyint(1) | NO | | | User's notification preferences for the course: indicates that user wants to be notified when organizers update course content |
| no_participants_wall_updates | tinyint(1) | NO | | | User's notification preferences for the course: indicates that user wants to be notified when participants post a status to the course wall |
| no_participants_content_updates | tinyint(1) | NO | | | User's notification preferences for the course: indicates that user wants to be notified when participants update course content |
| sign_up_id | int(11) | YES | UNI | | Link to signup questions |

# NEW CLASSES (COURSES)
## courses_course Table (Not included)

| COLUMN_NAME | COLUMN_TYPE | IS_NULLABLE | COLUMN_KEY | JOINS TO | DESCRIPTION |
|---|---|---|---|---|---|
| id | int(11) | NO | PRI | | Unique identifier |
| title | varchar(255) | NO | | | Title of the course |
| short_title | varchar(20) | NO | | | Short title of the course |
| description | varchar(1000) | NO | | | Description of the course |
| language | varchar(32) | NO | | | Language that the course is offered in |
| image_uri | varchar(256) | NO | | | link to image on course page |
| creation_date | datetime | NO | | | Date the course was created |
| draft | tinyint(1) | NO | | | True if this course is a draft |
| archived | tinyint(1) | NO | | | True if this course has been archived |
| deleted | tinyint(1) | NO | | | True if this course has been deleted |
| creator_uri | varchar(256) | NO | | | Creator of the course |
| based_on_id | int(11) | YES | MUL | courses_course.id | if this course is cloned from another course the based_on_id will be the id of the original course |

## courses_cohort Table

| COLUMN_NAME | COLUMN_TYPE | IS_NULLABLE | COLUMN_KEY | JOINS TO | DESCRIPTION |
|---|---|---|---|---|---|

| id | int(11) | NO | PRI | | Unique Identifier |
|---|---|---|---|---|---|
| course_id | int(11) | NO | MUL | courses_course.id | ID for the associated course record |
| term | varchar(32) | NO | | | Rolling or Fixed - indicates if the course has a specific start and end date (Fixed) or if the course is ongoing. |
| start_date | datetime | YES | | | Date that the course starts (Only if term is Fixed) |
| end_date | datetime | YES | | | Date that the course ends (Only if term is Fixed) |
| signup | varchar(32) | NO | | | Open, Closed or Moderated. Open means anyone can sign up. CLosed or Moderated are effectively the same and only the course organizers can add users to the course |

## courses_cohortsignup Table (Not Included)

| COLUMN_NAME | COLUMN_TYPE | IS_NULLABLE | COLUMN_KEY | JOINS TO | DESCRIPTION |
|---|---|---|---|---|---|
| id | int(11) | NO | PRI | | Unique identifier |
| cohort_id | int(11) | NO | MUL | courses_cohort.id | ID for the associated record in the courses_cohort table |
| user_uri | varchar(256) | NO | | users_userprofile.id | ID for the user (need to strip out the initial text) |
| role | varchar(10) | NO | | | Learner or Organizer. The role of the user in the given course. |
| signup_date | datetime | NO | | | Date the user signed up for the course. |
| leave_date | datetime | YES | | | Date the user left the course. |

# newcourses View

| COLUMN_NAME | COLUMN_TYPE | IS_NULLABLE | COLUMN_KEY | JOINS TO | DESCRIPTION |
|---|---|---|---|---|---|
| *From courses_course table* | | | | | |
| courses_course_id | int(11) | NO | PRI | | Unique identifier |
| title | varchar(255) | NO | | | Title of the course |
| short_title | varchar(20) | NO | | | Short title of the course |
| description | varchar(1000) | NO | | | Description of the course |
| language | varchar(32) | NO | | | Language that the course is offered in |
| image_uri | varchar(256) | NO | | | link to image on course page |
| creation_date | datetime | NO | | | Date the course was created |
| draft | tinyint(1) | NO | | | True if this course is a draft |
| archived | tinyint(1) | NO | | | True if this course has been archived |
| deleted | tinyint(1) | NO | | | True if this course has been deleted |
| ~~creator_uri~~ | ~~varchar(256)~~ | ~~NO~~ | | | ~~Creator of the course~~ |
| based_on_id | int(11) | YES | MUL | courses_course.id | if this course is cloned from another course the based_on_id will be the id of the original course |
| *From courses_cohort table* | | | | | |
| courses_cohort_id | int(11) | NO | PRI | | Unique Identifier |
| course_id | int(11) | NO | MUL | courses_course.id | ID for the associated course record |
| term | varchar(32) | NO | | | Rolling or Fixed - indicates if the course has a specific start and end date (Fixed) or if the |

| | | | | | course is ongoing. |
|---|---|---|---|---|---|
| start_date | datetime | YES | | | Date that the course starts (Only if term is Fixed) |
| end_date | datetime | YES | | | Date that the course ends (Only if term is Fixed) |
| signup | varchar(32) | NO | | | Open, Closed or Moderated. Open means anyone can sign up. CLosed or Moderated are effectively the same and only the course organizers can add users to the course |

# newcourseusers View

| COLUMN_NAME | COLUMN_TYPE | IS_NULLABLE | COLUMN_KEY | JOINS TO | DESCRIPTION |
|---|---|---|---|---|---|
| From courses_cohortsignup table | | | | | |
| courses_cohortsignup_id | int(11) | NO | PRI | | Unique identifier |
| cohort_id | int(11) | NO | MUL | courses_cohort.id | ID for the associated record in the courses_cohort table |
| user_uri | varchar(256) | NO | | users_userprofile.id | ID for the user (need to strip out the initial text) |
| role | varchar(10) | NO | | | Learner or Organizer. The role of the user in the given course. |
| signup_date | datetime | NO | | | Date the user signed up for the course. |
| leave_date | datetime | YES | | | Date the user left the course. |
| From users_userprofile table | | | | | |
| users_userprofile_id | int(11) | NO | PRI | | Unique identifier |
| username | varchar(255) | NO | UNI | - | The name a user is identified with on the website |

| full_name | varchar(255) | YES | - | - | The first name and the last name of a user |
|---|---|---|---|---|---|
| password | varchar(255) | NO | - | - | The password to the user's account |
| email | varchar(75) | YES | UNI | - | Email id of the user |
| bio | longtext | NO | - | - | A short description written by the user, identifying the skills and interests he has |
| image | varchar(100) | YES | - | - | A user selects an image to personalize his profile |
| confirmation_code | varchar(255) | NO | - | - | The code sent to the user's email id to confirm the account creation |
| location | varchar(255) | NO | | | The geographic location of the user |
| featured | tinyint(1) | NO | | | |
| newsletter | tinyint(1) | NO | - | - | |
| discard_welcome | tinyint(1) | NO | - | - | If the user would like to see the welcome message on every log in |
| created_on | datetime | NO | | | The date the user created the account on |
| preflang | varchar(16) | NO | | | The language the user prefers while interacting with the P2PU site. |
| deleted | tinyint(1) | NO | | | A user has the option of deleting his account, this variable stores if the account is deleted or active |
| last_active | datetime | YES | | | The last date the user was active on the site |
| user_id | int(11) | YES | MUL | auth_us er.id | Same as id, used to identify a unique user |