# pwci\_db

## categories

Table comments: Tabla de categorías de los cursos

| Column        | Type        | Null | Default | Links to | Comments                       | Media (MIME) type |
|---------------|-------------|------|---------|----------|--------------------------------|-------------------|
| id (Primary)  | int(7)      | No   |         |          | Identificador de categoría     |                   |
| categorieName | varchar(20) | No   |         |          | Nombre de la categoría         |                   |
| createdAt     | date        | No   |         |          | Fecha de creación del registro |                   |

#### **Indexes**

| Keyname | Type  | Unique | Packed | Column | Cardinality | Collation | Null | Comment |
|---------|-------|--------|--------|--------|-------------|-----------|------|---------|
| PRIMARY | BTREE | Yes    | No     | id     | 0           | A         | No   |         |

#### courses

| Column           | Туре        | Null | Default | Links to         | Comments  | Media<br>(MIME)<br>type |
|------------------|-------------|------|---------|------------------|---|-------------------------|
| id (Primary)     | int(7)      | No   |         |                  | Identificador de curso  |                         |
| title            | varchar(60) | No   |         |                  | Titulo del curso  |                         |
| shortDescription | text        | No   |         |                  | Descripción corta referente al contenido del curso                |                         |
| longDescription  | text        | No   |         |                  | Descripción detalla referente al contenido del curso              |                         |
| categorie        | int(11)     | No   |         | categories -> id | Identificador de referencia a la categoría que pertenece el curso |                         |
| cost             | float       | No   |         |                  | Costo que tiene el curso  |                         |
| createdAt        | date        | No   |         |                  | Fecha de creación del registro                                    |                         |
| updatedAt        | date        | Yes  | NULL    |                  | Fecha de modificación del registro                                |                         |
| studentCount     | int(11)     | Yes  | NULL    |                  | Cantidad de estudiantes registrados al curso                      |                         |

#### **Indexes**

| Keyname             | Type  | Unique | Packed | Column    | Cardinality | Collation | Null | Comment |
|---------------------|-------|--------|--------|-----------|-------------|-----------|------|---------|
| PRIMARY             | BTREE | Yes    | No     | id        | 0           | A         | No   |         |
| fk_course_categorie | BTREE | No     | No     | categorie | 0           | A         | No   |         |

### documents

| Column       | Type         | Null | Default | Links to | Comments   | Media<br>(MIME) type |
|--------------|--------------|------|---------|----------|--|----------------------|
| id (Primary) | int(7)       | No   |         |          | Identificador del documento                                |                      |
| doc          | varchar(255) | No   |         |          | Dirección de ubicación del archivo                         |                      |
| lesson       | int(11)      | No   |         |          | Identificador de la lección al cual pertenece el documento |                      |
| createdAt    | date         | No   |         |          | Fecha de creación del registro                             |                      |

### **Indexes**

| Keyname            | Type  | Unique | Packed | Column | Cardinality | Collation | Null | Comment |
|--------------------|-------|--------|--------|--------|-------------|-----------|------|---------|
| PRIMARY            | BTREE | Yes    | No     | id     | 0           | A         | No   |         |
| fk_document_lesson | BTREE | No     | No     | lesson | 0           | A         | No   |         |

### lessons

| Column       | Туре        | Null | Default | Links to   | Comments                                     | Media (MIME)<br>type |
|--------------|-------------|------|---------|------------|--|----------------------|
| id (Primary) | int(7)      | No   |         |            | Identificador de la lección                  |                      |
| title        | varchar(50) | No   |         |            | Titulo de la lección                         |                      |
| decription   | text        | No   |         |            | Descripción sobre el contenido de la lección |                      |
| createdAt    | date        | No   |         |            | Fecha de creación del registro               |                      |
| updatedAt    | date        | Yes  | NULL    |            | Fecha de modificación del registro           |                      |
| course       | int(11)     | No   |         | courses -> | Identificador del curso al cual pertenece    |                      |

### **Indexes**

| Keyname          | Type  | Unique | Packed | Column | Cardinality | Collation | Null | Comment |
|------------------|-------|--------|--------|--------|-------------|-----------|------|---------|
| PRIMARY          | BTREE | Yes    | No     | id     | 0           | A         | No   |         |
| fk_lesson_course | BTREE | No     | No     | course | 0           | A         | No   |         |

### messages

| Column       | Туре        | Null | Default | Links to | Comments                      | Media (MIME)<br>type |
|--------------|-------------|------|---------|----------|-------------------------------|----------------------|
| id (Primary) | int(7)      | No   |         |          | Identificador del mensaje     |                      |
| textMessage  | text        | No   |         |          | Contenido del mensaje         |                      |
| viewed       | varchar(10) | No   |         |          | Bandera de estado del mensaje |                      |
|              |             |      |         |          |                               |                      |

| createdAt | date    | No |             | Fecha de creación del registro                |  |
|-----------|---------|----|-------------|---|--|
| emmiter   | int(11) | No | users -> id | Identificador del usuario emisor del mensaje  |  |
| receiver  | int(11) | No | users -> id | Identificador de usuario receptor del mensaje |  |

### **Indexes**

| Keyname             | Type  | Unique | Packed | Column   | Cardinality | Collation | Null | Comment |
|---------------------|-------|--------|--------|----------|-------------|-----------|------|---------|
| PRIMARY             | BTREE | Yes    | No     | id       | 0           | A         | No   |         |
| fk_message_emmiter  | BTREE | No     | No     | emmiter  | 0           | A         | No   |         |
| fk_message_receiver | BTREE | No     | No     | receiver | 0           | A         | No   |         |

## preview

| Column       | Type         | Null | Default | Links to   | Comments                                 | Media (MIME)<br>type |
|--------------|--------------|------|---------|------------|--|----------------------|
| id (Primary) | int(7)       | No   |         |            | Identificador de la imagen preview       |                      |
| previewImage | varchar(255) | No   |         |            | Ubicación de la imagen                   |                      |
| course       | int(11)      | No   |         | courses -> | Identificador del curso al que pertenece |                      |
| createdAt    | date         | No   |         |            | Fecha de creación del registro           |                      |

### Indexes

| Keyname           | Type  | Unique | Packed | Column | Cardinality | Collation | Null | Comment |
|-------------------|-------|--------|--------|--------|-------------|-----------|------|---------|
| PRIMARY           | BTREE | Yes    | No     | id     | 0           | A         | No   |         |
| fk_preview_course | BTREE | No     | No     | course | 0           | A         | No   |         |

#### users

| Column       | Type         | Null | Default | Links to | Comments                  | Media (MIME) type |
|--------------|--------------|------|---------|----------|---------------------------|-------------------|
| id (Primary) | int(7)       | No   |         |          | Identificador del usuario |                   |
| email        | varchar(60)  | No   |         |          | Correo electrónico        |                   |
| userPassword | varchar(20)  | No   |         |          | Contraseña                |                   |
| username     | varchar(100) | No   |         |          | Nombre de usuario         |                   |
| firstName    | varchar(50)  | No   |         |          | Primer nombre             |                   |
| secondName   | varchar(50)  | Yes  | NULL    |          | Segundo nombre            |                   |
| lastNames    | varchar(75)  | No   |         |          | Apellidos                 |                   |
| birthday     | date         | Yes  | NULL    |          | Fecha de nacimiento       |                   |
| country      | varchar(50)  | Yes  | NULL    |          | País donde reside         |                   |
|              |              |      |         |          |                           |                   |

| state          | varchar(100) | Yes | NULL | Estado donde reside        |  |
|----------------|--------------|-----|------|----------------------------|--|
| city           | varchar(100) | Yes | NULL | Ciudad donde reside        |  |
| postalCode     | int(6)       | Yes | NULL | Código postal donde reside |  |
| profilePicture | varchar(255) | Yes | NULL | Imagen del usuario         |  |

### **Indexes**

| Keyname | Type  | Unique | Packed | Column | Cardinality | Collation | Null | Comment |
|---------|-------|--------|--------|--------|-------------|-----------|------|---------|
| PRIMARY | BTREE | Yes    | No     | id     | 5           | A         | No   |         |

## videos

| Column       | Туре         | Null | Default | Links to      | Comments  | Media (MIME)<br>type |
|--------------|--------------|------|---------|---------------|---|----------------------|
| id (Primary) | int(7)       | No   |         |               | Identificador del video                         |                      |
| video        | varchar(255) | No   |         |               | Ubicación del video                             |                      |
| lesson       | int(11)      | No   |         | lessons -> id | Identificador de la lección a la cual pertenece |                      |
| createdAt    | date         | No   |         |               | Fecha de creación del registro                  |                      |

### **Indexes**

| Keyname         | Type  | Unique | Packed | Column | Cardinality | Collation | Null | Comment |
|-----------------|-------|--------|--------|--------|-------------|-----------|------|---------|
| PRIMARY         | BTREE | Yes    | No     | id     | 0           | A         | No   |         |
| fk_video_lesson | BTREE | No     | No     | lesson | 0           | A         | No   |         |