Appendix I

Local Pages for Long Eaton and Surrounding Area June 2020

- LOCAL NEWS
- BUSINESS LISTINGS
- CLUBS
- COMMUNITY GROUPS
- ANNOUNCEMENTS
- VACANCIES
- EVENTS
- TRADES NEEDED
- OFFERS
- SALES & WANTS
- WALK & CYCLE ROUTES
- REGISTER / UPDATE PROFILE
- MAKE POSTINGS
- CONTACT US
- KEYWORD SEARCH

Enter keyword to search

Local Pages for Long Eaton and Surrounding Area

June 2020

- LOCAL NEWS
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Appendix II

To view listings and postings

To add or change listings and postings

Registration & Profile

To comment on listings and postings

Registration & Profile

Business Listings
Community Listings

Personal Announcements
Business Announcements
Community Announcements

Vacancies offerred
Vacancies wanted

Business Events
Community Events
Music Gigs
Sports Events

Trades Needed

Business Offers

Walk and Bike Routes

Goods for Sale
Goods Wanted

Business Listings
Community Listings

Personal Announcements
Business Announcements
Community Announcements

Vacancies offerred
Vacancies wanted

Business Events
Community Events
Music Gigs
Sports Events

Trades Needed

Business Offers

Walk and Bike Routes

Goods for Sale
Goods Wanted

Business Listings
Community Listings

Personal Announcements
Business Announcements
Community Announcements

Vacancies offerred
Vacancies wanted

Business Events
Community Events
Music Gigs
Sports Events

Trades Needed

Business Offers

Walk and Bike Routes

Goods for Sale
Goods Wanted

Use Case: **No 01**

Subject: **Viewing company listings**

Actor: **General Public**

Reason: **Find supplier or service**

Pre-conditions: **None**

Description: **To access business information in the system by supplier / service type e.g. plumber, toy shop, restaurant, café, car dealer etc etc.**

Steps:

1. Access Local-Pages site

2. Select Business Listings

3. Select between Main Headings i.e.

- **Auto & Bike**
- **Food**
- **Buildings & Homes**

4. Select specific Trade type / Service type required

e.g. Plumber

5. Review list and details

6. Make contact if relevant. (direct email link via contact form)

Shortcut: **Direct keyword search from home screen e.g. Plumber**

Use Case: **No 02**

Subject: **Find details of music gigs**

Actor: **General Public**

Reason: **Find details of music events in the locality**

Pre-conditions: **None**

Description: **To find details of upcoming music events together with price and venue information and book tickets if relevant.**

Steps:

1. Access Local-Pages site

2. Select Events Listings

3. Select between Event Types i.e.

- **Business Events**
- **Community Events**
- **Sports Events**
- **Music Events**

4. Review list and details

5. Make contact if relevant. (direct email link via contact form) or book ticket via Paypal if available

Shortcut: **Direct keyword search from home screen e.g. name of band or venue or search for music events.**

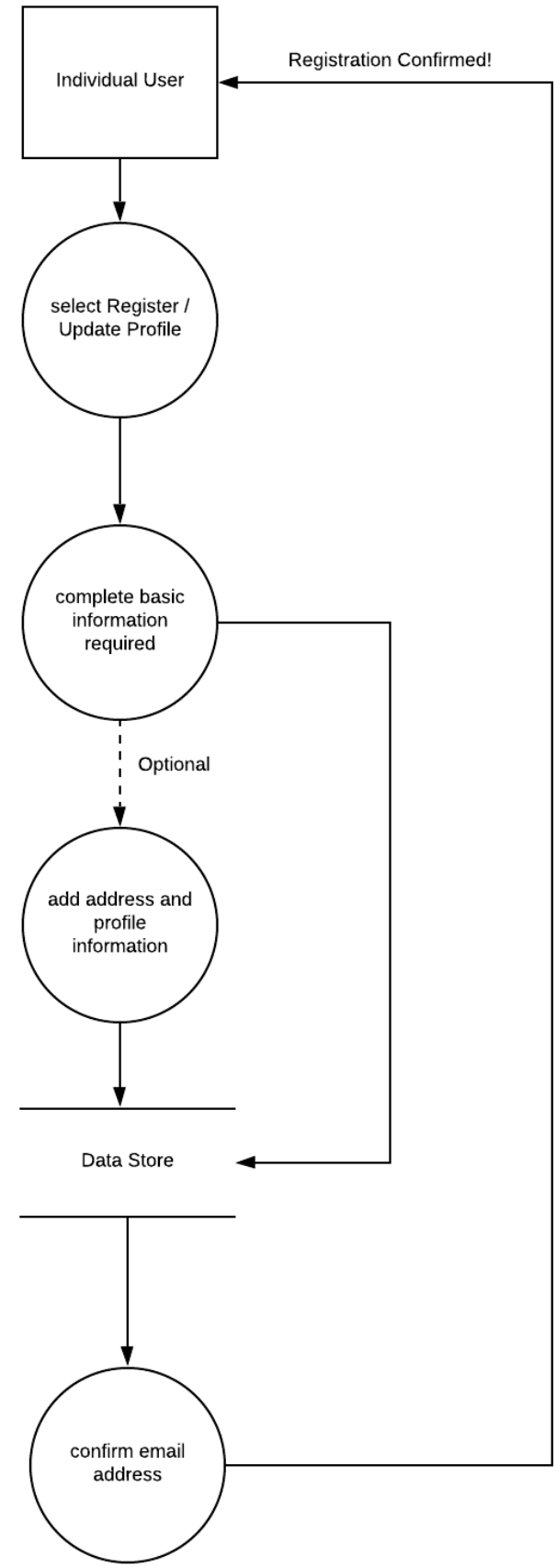
Use Case:	**No 03**
Subject:	**Add business listing**
Actor:	**Business Owner**
Reason:	**Want their business to appear in listings and postings.**
Pre-condition:	**Need to be a registered user.**
Description:	**Any registered user can add business or other organisational information to the system.**
Steps:	**1. Access Local-Pages site** **2. Login or register if not already done so.** **3. Select "ADD POSTINGS AND LISTINGS" which will show any organisations with which the user is currently associated (and self) to which can then be added additional organisations.** **4. Review existing to prevent duplicates and if relevant select "ADD BUSINESS LISTING" to proceed.** **5. Complete business profile information which will return to the list of associated organisations from where additional organisations can be added or postings created.** **NOTE: A listing is a business, club, community or other organisation which is permanently available on the system until removed. A posting is a temporary transactional entry associated with a registered user or organisation e.g. an event.**
Shortcut:	**Direct keyword search from home screen e.g. add business**

Use Case:	**No 04**
Subject:	**Add an offer.**
Actor:	**Business Owner**
Reason:	**Want to highlight a current offer available from their business.**
Pre-conditions:	**Must be a registered user with a business already set up on the system.**
Description:	**Businesses often promote what they do with offers of one sort or another. This is how to add them to the system.**
Steps:	**1. Access Local-Pages site** **2. Login if not already done so.** **3. Select "ADD POSTINGS AND LISTINGS" which will show any organisations with which the user is currently associated (and self) to which can then be added additional organisations.** **4. Select the organisation for which an offer is required and make a posting of type "offer".** **5. When details are completed the offer will be displayed to the general public in the offers section with links back to the business with contact details including direct contact via an email contact form.** **NOTE: A listing is a business, club, community or other organisation which is permanently available on the system until removed. A posting is a temporary transactional entry associated with a registered user or organisation e.g. an event.**
Shortcut:	**Direct keyword search from home screen e.g. add offer**

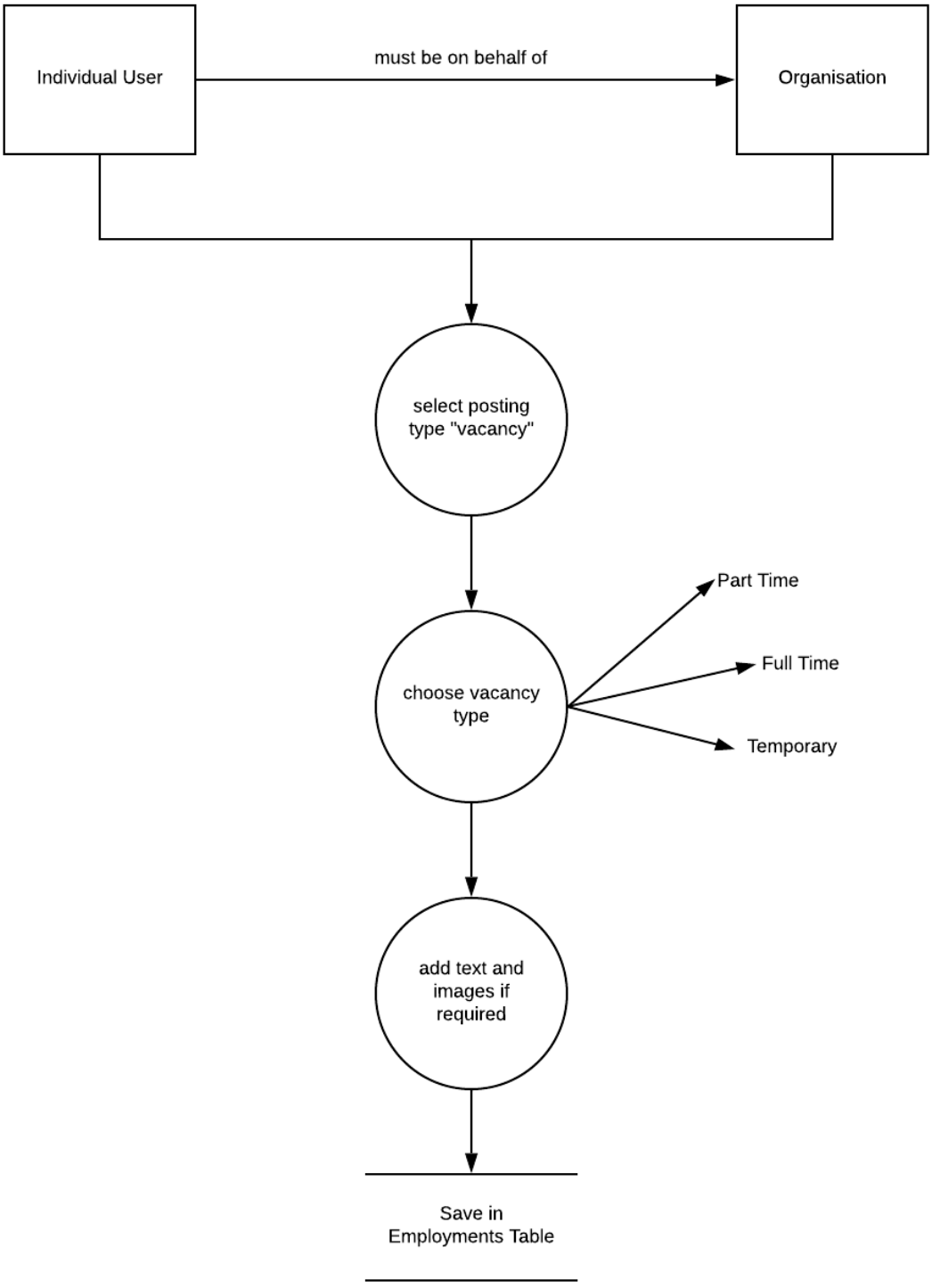
Use Case:	**No 05**
Subject:	**Become a registered user.**
Actor:	**Anyone**
Reason:	**Want to make entries on the system or personalise their view.**
Pre-conditions:	**None**
Description:	**Most people are a little wary of registration for online systems so no reasons to push it unless they want to make listings or postings or personalise their view.**
Steps:	**1. Access Local-Pages site** **2. Select the option to register /update profile.** **3. If not already logged in this will take you to a register / login screen.** **4. If you don't take the login option, you will then be prompted for details of name, email address and password which is all that are needed to register.** **5. When details are completed, you will be invited to complete profile details which will aid in personalisation of searches and you will be given the chance to personalise initial menus for when you are logged in.**
Shortcut:	**Direct keyword search from home screen e.g. register**

Appendix III

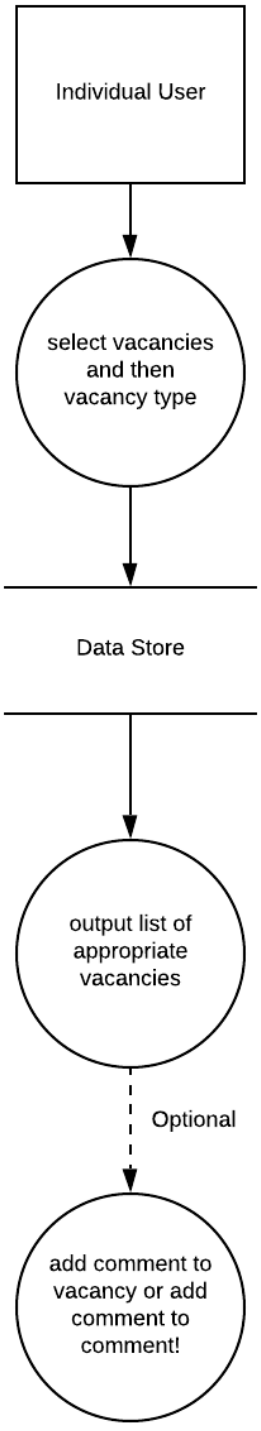
User Registration



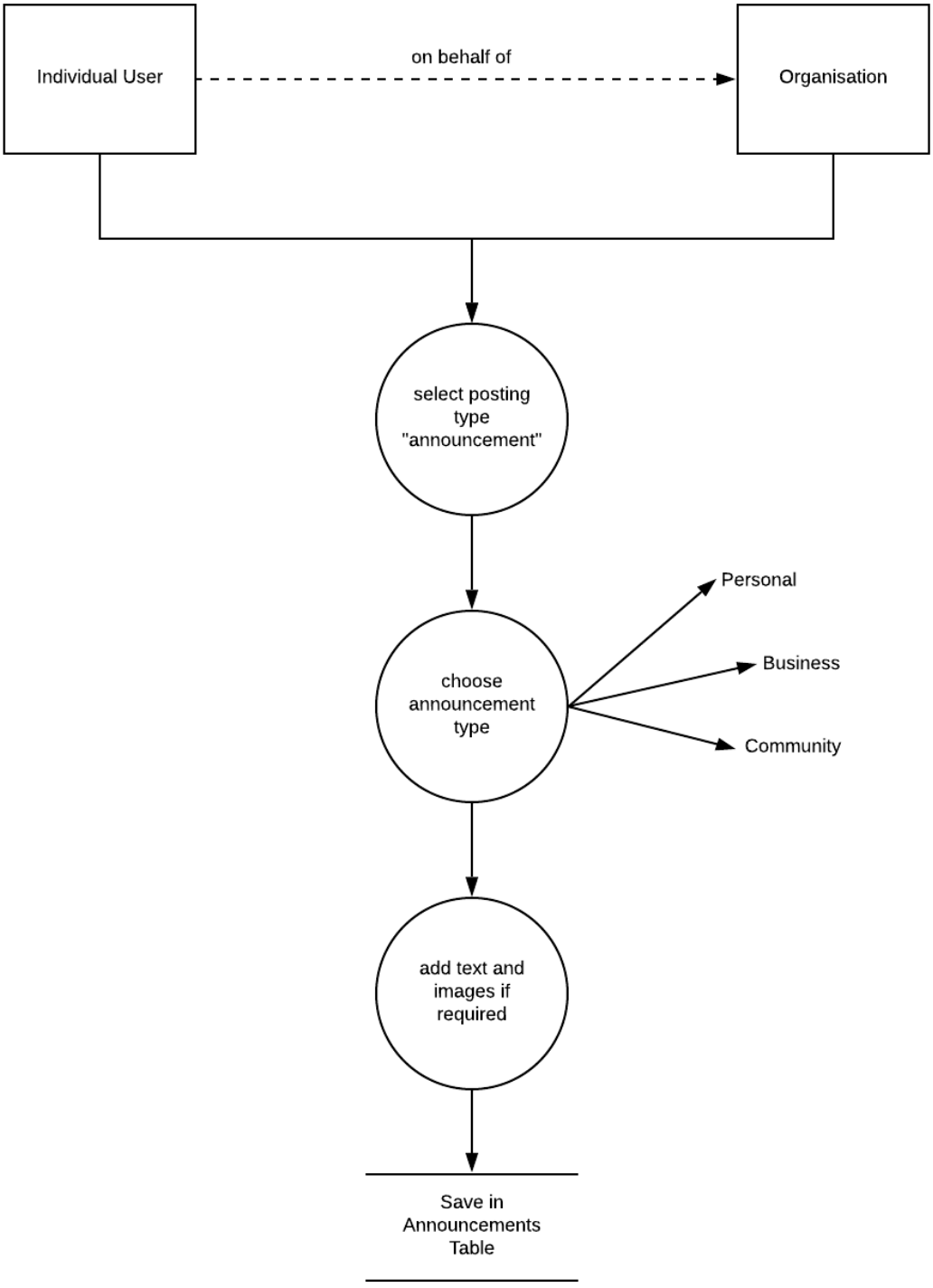
Adding Vacancies Offerred



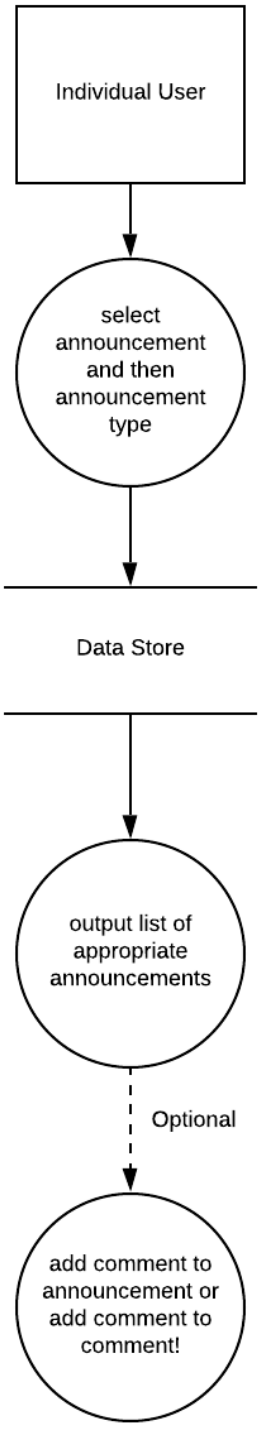
Viewing
Vacancies Offerred



Making Announcements



Viewing Announcements

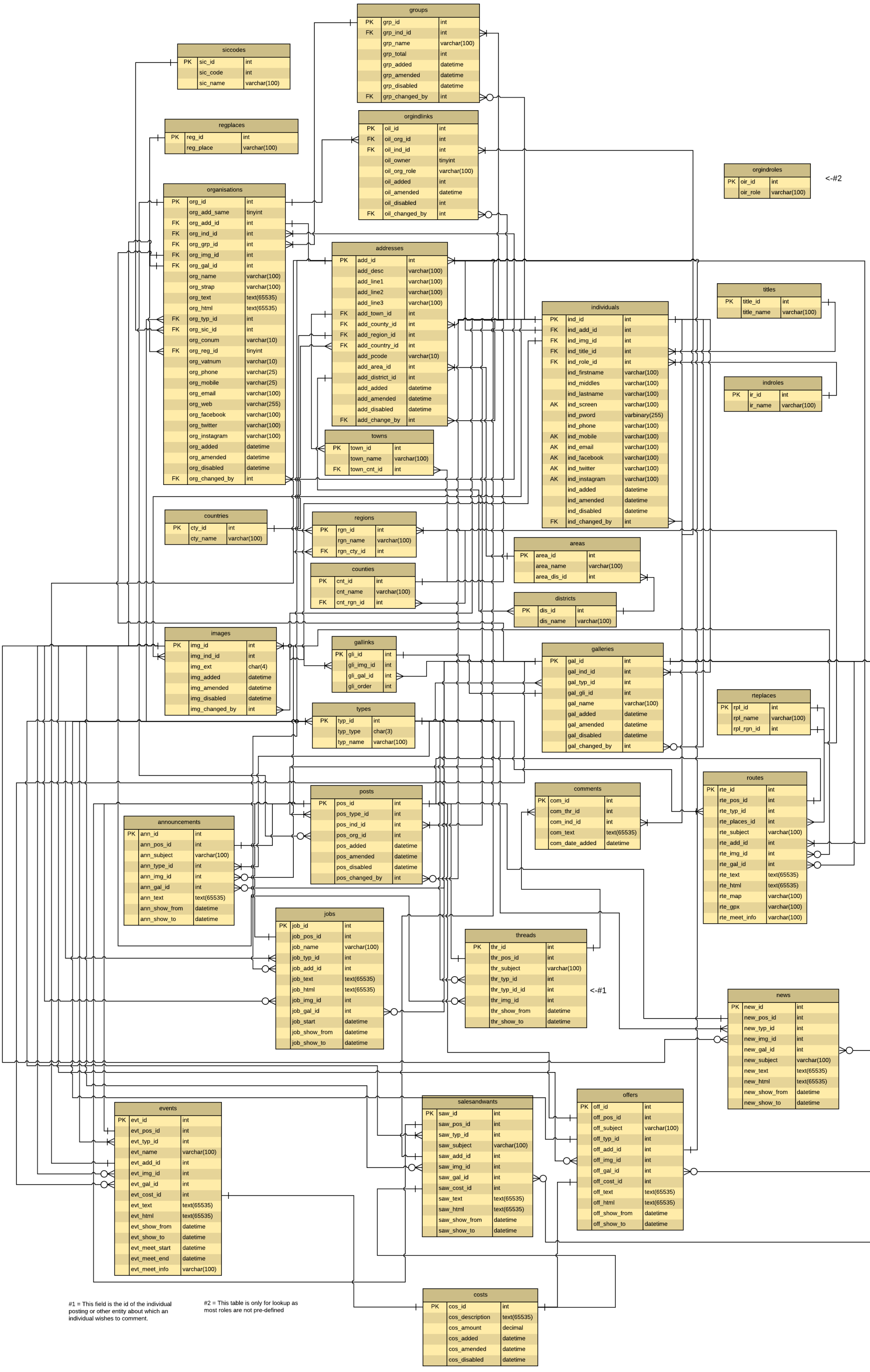


Appendix IV

Information about Individuals Who Register on the System	
individuals	basic details about individuals
indroles	role within use of the system i.e. none/contributor/editor/administrator
titles	Mr/Mrs etc
Information about Organisations Held by the System	
organisations	basic details about organisations
orgindroles	roles of individuals within organisations
orgindlinks	link table to add organistions to individuals and individuals to organisations
groups	link table for groups of organisations
regplaces	company registration information
siccodes	siccodes
Information about Locations Used Throughout the System	
addresses	
areas	used within addresses
towns	used within addresses
districts	used within addresses
counties	used within addresses
regions	used within addresses
countries	used within addresses
Information about Posts Which can be Made on the System	
posts	link table to link all posts to individuals and organisations
announcements	announcements made by contributors
threads	comments and responses to comments made by contributors
employments	work offerred or wanted
events	events of all type, commercial and community
jobs	jobs required to be done e.g. buidling, plumbing etc
news	all news under a variety of different types e.g. sport, music, school
offers	this is a way for organisations to make online offers
routes / rteplaces	a collection of walk, run and bike routes, anything to do with maps
salesandwants	normal for sale or wanted under a variety of headings
Information Used Throughout the System	
types	table providing lists of types for almost every other table in the system
galleries / gallinks	galleries of pictures for attaching to organisation and posting details
images	images used individually or within galleries
costs	a breaking out of financial information from posts to monitor and control it more effectively

Appendix V

Entity Relationship Diagram (ERD) for MySQL database local_pages



Appendix VI

```
-- phpMyAdmin SQL Dump
-- version 4.9.2
-- https://www.phpmyadmin.net/
--
-- Host: 127.0.0.1:3306
-- Generation Time: May 27, 2020 at 02:39 PM
-- Server version: 8.0.18
-- PHP Version: 7.3.12

SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
SET AUTOCOMMIT = 0;
START TRANSACTION;
SET time_zone = "+00:00";


/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!40101 SET NAMES utf8mb4 */;

--
-- Database: `peakacti_local_pages`
--

-- --------------------------------------------------------

--
-- Table structure for table `addresses`
--

DROP TABLE IF EXISTS `addresses`;
CREATE TABLE IF NOT EXISTS `addresses` (
  `add_id` int(11) NOT NULL AUTO_INCREMENT,
  `add_desc` varchar(100) COLLATE utf8_unicode_ci NOT NULL,
  `add_line1` varchar(100) CHARACTER SET utf8 COLLATE utf8_unicode_ci NOT NULL,
  `add_line2` varchar(100) CHARACTER SET utf8 COLLATE utf8_unicode_ci DEFAULT NULL,
  `add_line3` varchar(100) CHARACTER SET utf8 COLLATE utf8_unicode_ci DEFAULT NULL,
  `add_town_id` int(11) NOT NULL,
  `add_county_id` varchar(100) CHARACTER SET utf8 COLLATE utf8_unicode_ci DEFAULT NULL,
  `add_region_id` int(11) NOT NULL,
  `add_country_id` int(11) NOT NULL,
  `add_pcode` varchar(10) CHARACTER SET utf8 COLLATE utf8_unicode_ci NOT NULL,
  `add_area_id` int(11) DEFAULT NULL,
  `add_district_id` int(11) DEFAULT NULL,
  `add_added` datetime NOT NULL,
  `add_amended` datetime NOT NULL,
  `add_disabled` datetime DEFAULT NULL,
  `add_change_by` int(11) NOT NULL,
  PRIMARY KEY (`add_id`),
  KEY `add_disabled` (`add_disabled`),
  KEY `add_pcode` (`add_pcode`),
  KEY `add_change_by` (`add_change_by`),
  KEY `add_town_id` (`add_town_id`),
  KEY `add_county_id` (`add_county_id`),
  KEY `add_region_id` (`add_region_id`),
  KEY `add_area_id` (`add_area_id`),
  KEY `add_district_id` (`add_district_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

-- --------------------------------------------------------

--
-- Table structure for table `announcements`
--

DROP TABLE IF EXISTS `announcements`;
CREATE TABLE IF NOT EXISTS `announcements` (
  `ann_id` int(11) NOT NULL AUTO_INCREMENT,
```

```
  `ann_pos_id` int(11) NOT NULL,
  `ann_subject` varchar(100) CHARACTER SET utf8 COLLATE utf8_unicode_ci NOT NULL,
  `ann_type_id` int(11) NOT NULL,
  `ann_img_id` int(11) NOT NULL,
  `ann_gal_id` int(11) NOT NULL,
  `ann_text` text CHARACTER SET utf8 COLLATE utf8_unicode_ci NOT NULL,
  `ann_show_from` datetime NOT NULL,
  `ann_show_to` datetime NOT NULL,
  PRIMARY KEY (`ann_id`),
  KEY `ann_pos_id` (`ann_pos_id`),
  KEY `ann_type_id` (`ann_type_id`),
  KEY `ann_img_id` (`ann_img_id`),
  KEY `ann_gal_id` (`ann_gal_id`),
  KEY `ann_show_index` (`ann_type_id`,`ann_show_from`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

-- --------------------------------------------------------

--
-- Table structure for table `areas`
--

DROP TABLE IF EXISTS `areas`;
CREATE TABLE IF NOT EXISTS `areas` (
  `area_id` int(11) NOT NULL AUTO_INCREMENT,
  `area_name` varchar(100) COLLATE utf8_unicode_ci NOT NULL,
  `area_dis_id` int(11) NOT NULL,
  PRIMARY KEY (`area_id`),
  KEY `area_dis_id` (`area_dis_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

-- --------------------------------------------------------

--
-- Table structure for table `comments`
--

DROP TABLE IF EXISTS `comments`;
CREATE TABLE IF NOT EXISTS `comments` (
  `com_id` int(11) NOT NULL AUTO_INCREMENT,
  `com_thr_id` int(11) NOT NULL,
  `com_ind_id` int(11) NOT NULL,
  `com_text` text COLLATE utf8_unicode_ci NOT NULL,
  `com_added` datetime NOT NULL,
  PRIMARY KEY (`com_id`),
  KEY `com_thr_id` (`com_thr_id`),
  KEY `com_ind_id` (`com_ind_id`),
  KEY `com_thread_index` (`com_thr_id`,`com_added`) USING BTREE
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

-- --------------------------------------------------------

--
-- Table structure for table `costs`
--

DROP TABLE IF EXISTS `costs`;
CREATE TABLE IF NOT EXISTS `costs` (
  `cos_id` int(11) NOT NULL AUTO_INCREMENT,
  `cos_description` text CHARACTER SET utf8 COLLATE utf8_unicode_ci NOT NULL,
  `cos_amount` decimal(10,2) DEFAULT NULL,
  `cos_added` datetime NOT NULL,
  `cos_amended` datetime NOT NULL,
  `cos_disabled` datetime NOT NULL,
  PRIMARY KEY (`cos_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

-- --------------------------------------------------------
```

```
--
-- Table structure for table `counties`
--

DROP TABLE IF EXISTS `counties`;
CREATE TABLE IF NOT EXISTS `counties` (
  `cnt_id` int(11) NOT NULL AUTO_INCREMENT,
  `cnt_name` varchar(100) COLLATE utf8_unicode_ci NOT NULL,
  `cnt_rgn_id` int(11) NOT NULL,
  PRIMARY KEY (`cnt_id`),
  KEY `cnt_region_id` (`cnt_rgn_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

-- --------------------------------------------------------

--
-- Table structure for table `countries`
--

DROP TABLE IF EXISTS `countries`;
CREATE TABLE IF NOT EXISTS `countries` (
  `cty_id` int(11) NOT NULL AUTO_INCREMENT,
  `cty_name` varchar(100) COLLATE utf8_unicode_ci NOT NULL,
  PRIMARY KEY (`cty_id`),
  KEY `cty_name` (`cty_name`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

-- --------------------------------------------------------

--
-- Table structure for table `districts`
--

DROP TABLE IF EXISTS `districts`;
CREATE TABLE IF NOT EXISTS `districts` (
  `dis_id` int(11) NOT NULL AUTO_INCREMENT,
  `dis_name` varchar(100) CHARACTER SET utf8 COLLATE utf8_unicode_ci NOT NULL,
  `dis_county_id` int(11) NOT NULL,
  PRIMARY KEY (`dis_id`),
  UNIQUE KEY `dis_county_index` (`dis_county_id`,`dis_name`),
  KEY `dis_name` (`dis_name`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

-- --------------------------------------------------------

--
-- Table structure for table `employments`
--

DROP TABLE IF EXISTS `employments`;
CREATE TABLE IF NOT EXISTS `employments` (
  `emp_id` int(11) NOT NULL AUTO_INCREMENT,
  `emp_pos_id` int(11) NOT NULL,
  `emp_typ_id` int(11) NOT NULL,
  `emp_wanted` tinyint(1) DEFAULT '0',
  `emp_title` varchar(100) CHARACTER SET utf8 COLLATE utf8_unicode_ci NOT NULL,
  `emp_img_id` int(11) DEFAULT NULL,
  `emp_gal_id` int(11) DEFAULT NULL,
  `emp_text` text CHARACTER SET utf8 COLLATE utf8_unicode_ci,
  `emp_html` text COLLATE utf8_unicode_ci,
  `emp_show_from` date NOT NULL,
  `emp_show_to` date NOT NULL,
  PRIMARY KEY (`emp_id`),
  KEY `emp_pos_id` (`emp_pos_id`),
  KEY `emp_typ_id` (`emp_typ_id`),
  KEY `emp_img_id` (`emp_img_id`),
  KEY `emp_gal_id` (`emp_gal_id`),
```

```
  KEY `emp_wanted_index` (`emp_wanted`,`emp_show_from`) USING BTREE
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

-- --------------------------------------------------------

--
-- Table structure for table `events`
--

DROP TABLE IF EXISTS `events`;
CREATE TABLE IF NOT EXISTS `events` (
  `evt_id` int(11) NOT NULL AUTO_INCREMENT,
  `evt_pos_id` int(11) NOT NULL,
  `evt_typ_id` int(11) NOT NULL,
  `evt_name` varchar(100) CHARACTER SET utf8 COLLATE utf8_unicode_ci NOT NULL,
  `evt_add_id` int(11) DEFAULT NULL,
  `evt_img_id` int(11) DEFAULT NULL,
  `evt_gal_id` int(11) DEFAULT NULL,
  `evt_cost_id` int(11) DEFAULT NULL,
  `evt_text` text CHARACTER SET utf8 COLLATE utf8_unicode_ci,
  `evt_html` text COLLATE utf8_unicode_ci,
  `evt_show_from` datetime NOT NULL,
  `evt_show_to` datetime NOT NULL,
  `evt_meet_start` datetime NOT NULL,
  `evt_meet_end` datetime NOT NULL,
  `evt_meet_info` varchar(100) CHARACTER SET utf8 COLLATE utf8_unicode_ci DEFAULT NULL,
  PRIMARY KEY (`evt_id`),
  KEY `evt_pos_id` (`evt_pos_id`),
  KEY `evt_typ_id` (`evt_typ_id`),
  KEY `evt_add_id` (`evt_add_id`),
  KEY `evt_img_id` (`evt_img_id`),
  KEY `evt_gal_id` (`evt_gal_id`),
  KEY `evt_cost_id` (`evt_cost_id`),
  KEY `evt_meet_start` (`evt_meet_start`),
  KEY `evt_start_index` (`evt_typ_id`,`evt_meet_start`) USING BTREE
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

-- --------------------------------------------------------

--
-- Table structure for table `galleries`
--

DROP TABLE IF EXISTS `galleries`;
CREATE TABLE IF NOT EXISTS `galleries` (
  `gal_id` int(11) NOT NULL AUTO_INCREMENT,
  `gal_ind_id` int(11) NOT NULL,
  `gal_typ_id` int(11) NOT NULL,
  `gal_gli_id` int(11) NOT NULL,
  `gal_name` varchar(100) CHARACTER SET utf8 COLLATE utf8_unicode_ci DEFAULT NULL,
  `gal_added` datetime NOT NULL,
  `gal_amended` datetime NOT NULL,
  `gal_disabled` datetime DEFAULT NULL,
  `gal_changed_by` int(11) NOT NULL,
  PRIMARY KEY (`gal_id`),
  KEY `gal_ind_id` (`gal_ind_id`,`gal_typ_id`),
  KEY `gal_name` (`gal_name`),
  KEY `gal_typ_id` (`gal_typ_id`),
  KEY `gal_gli_id` (`gal_gli_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

-- --------------------------------------------------------

--
-- Table structure for table `gallinks`
--

DROP TABLE IF EXISTS `gallinks`;
```

```
CREATE TABLE IF NOT EXISTS `gallinks` (
  `gli_id` int(11) NOT NULL AUTO_INCREMENT,
  `gli_img_id` int(11) NOT NULL,
  `gli_gal_id` int(11) NOT NULL,
  `gli_order` int(11) NOT NULL,
  PRIMARY KEY (`gli_id`),
  UNIQUE KEY `gli_gal_order` (`gli_gal_id`,`gli_order`) USING BTREE,
  KEY `gli_img_id` (`gli_img_id`),
  KEY `gli_gal_id` (`gli_gal_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

-- --------------------------------------------------------

--
-- Table structure for table `groups`
--

DROP TABLE IF EXISTS `groups`;
CREATE TABLE IF NOT EXISTS `groups` (
  `grp_id` int(11) NOT NULL AUTO_INCREMENT,
  `grp_ind_id` int(11) NOT NULL,
  `grp_name` varchar(100) CHARACTER SET utf8 COLLATE utf8_unicode_ci NOT NULL,
  `grp_total` int(11) NOT NULL,
  `grp_added` datetime NOT NULL,
  `grp_amended` datetime NOT NULL,
  `grp_disabled` datetime DEFAULT NULL,
  `grp_changed_by` int(11) NOT NULL,
  PRIMARY KEY (`grp_id`),
  KEY `grp_ind_id` (`grp_ind_id`),
  KEY `grp_name` (`grp_name`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

-- --------------------------------------------------------

--
-- Table structure for table `images`
--

DROP TABLE IF EXISTS `images`;
CREATE TABLE IF NOT EXISTS `images` (
  `img_id` int(11) NOT NULL AUTO_INCREMENT,
  `img_ind_id` int(11) NOT NULL,
  `img_ext` char(4) CHARACTER SET utf8 COLLATE utf8_unicode_ci NOT NULL,
  `img_added` datetime NOT NULL,
  `img_amended` datetime NOT NULL,
  `img_disabled` datetime DEFAULT NULL,
  `img_changed_by` int(11) NOT NULL,
  PRIMARY KEY (`img_id`),
  KEY `img_ind_id` (`img_ind_id`)
) ENGINE=InnoDB AUTO_INCREMENT=100002 DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

-- --------------------------------------------------------

--
-- Table structure for table `individuals`
--

DROP TABLE IF EXISTS `individuals`;
CREATE TABLE IF NOT EXISTS `individuals` (
  `ind_id` int(11) NOT NULL AUTO_INCREMENT,
  `ind_add_id` int(11) DEFAULT NULL,
  `ind_img_id` int(11) DEFAULT NULL,
  `ind_title_id` int(11) DEFAULT NULL,
  `ind_role_id` int(11) NOT NULL,
  `ind_firstname` varchar(100) CHARACTER SET utf8 COLLATE utf8_unicode_ci NOT NULL,
  `ind_middles` varchar(100) CHARACTER SET utf8 COLLATE utf8_unicode_ci DEFAULT NULL,
  `ind_lastname` varchar(100) CHARACTER SET utf8 COLLATE utf8_unicode_ci NOT NULL,
  `ind_screen` varchar(100) CHARACTER SET utf8 COLLATE utf8_unicode_ci NOT NULL,
```

```
  `ind_pword` varbinary(255) NOT NULL,
  `ind_phone` varchar(100) CHARACTER SET utf8 COLLATE utf8_unicode_ci DEFAULT NULL,
  `ind_mobile` varchar(100) CHARACTER SET utf8 COLLATE utf8_unicode_ci DEFAULT NULL,
  `ind_email` varchar(100) CHARACTER SET utf8 COLLATE utf8_unicode_ci NOT NULL,
  `ind_facebook` varchar(100) CHARACTER SET utf8 COLLATE utf8_unicode_ci DEFAULT NULL,
  `ind_twitter` varchar(100) CHARACTER SET utf8 COLLATE utf8_unicode_ci DEFAULT NULL,
  `ind_instagram` varchar(100) CHARACTER SET utf8 COLLATE utf8_unicode_ci DEFAULT NULL,
  `ind_added` datetime NOT NULL,
  `ind_amended` datetime NOT NULL,
  `ind_disabled` datetime DEFAULT NULL,
  `ind_changed_by` int(11) NOT NULL,
  PRIMARY KEY (`ind_id`),
  UNIQUE KEY `ind_email` (`ind_email`),
  UNIQUE KEY `ind_pword_index` (`ind_email`,`ind_pword`),
  UNIQUE KEY `ind_screen` (`ind_screen`),
  UNIQUE KEY `ind_instagram` (`ind_instagram`),
  UNIQUE KEY `ind_twitter` (`ind_twitter`),
  UNIQUE KEY `ind_facebook` (`ind_facebook`),
  UNIQUE KEY `ind_mobile` (`ind_mobile`),
  KEY `ind_add_id` (`ind_add_id`),
  KEY `ind_img_id` (`ind_img_id`),
  KEY `ind_title_id` (`ind_title_id`),
  KEY `ind_name_index` (`ind_lastname`,`ind_firstname`),
  KEY `ind_role_id` (`ind_role_id`)
) ENGINE=InnoDB AUTO_INCREMENT=4 DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

-- --------------------------------------------------------

--
-- Table structure for table `indroles`
--

DROP TABLE IF EXISTS `indroles`;
CREATE TABLE IF NOT EXISTS `indroles` (
  `ir_id` int(11) NOT NULL AUTO_INCREMENT,
  `ir_name` varchar(100) COLLATE utf8_unicode_ci NOT NULL,
  PRIMARY KEY (`ir_id`),
  KEY `ir_name` (`ir_name`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

-- --------------------------------------------------------

--
-- Table structure for table `jobs`
--

DROP TABLE IF EXISTS `jobs`;
CREATE TABLE IF NOT EXISTS `jobs` (
  `job_id` int(11) NOT NULL AUTO_INCREMENT,
  `job_pos_id` int(11) NOT NULL,
  `job_name` varchar(100) CHARACTER SET utf8 COLLATE utf8_unicode_ci NOT NULL,
  `job_typ_id` int(11) NOT NULL,
  `job_add_id` int(11) DEFAULT NULL,
  `job_text` text CHARACTER SET utf8 COLLATE utf8_unicode_ci,
  `job_html` text COLLATE utf8_unicode_ci,
  `job_img_id` int(11) DEFAULT NULL,
  `job_gal_id` int(11) DEFAULT NULL,
  `job_start` datetime NOT NULL,
  `job_show_from` datetime NOT NULL,
  `job_show_to` datetime NOT NULL,
  PRIMARY KEY (`job_id`),
  KEY `job_pos_id` (`job_pos_id`),
  KEY `job_typ_id` (`job_typ_id`),
  KEY `job_add_id` (`job_add_id`),
  KEY `job_img_id` (`job_img_id`),
  KEY `job_gal_id` (`job_gal_id`),
  KEY `job_show_index` (`job_typ_id`,`job_show_from`),
  KEY `job_show_from` (`job_show_from`)
```

```
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

-- --------------------------------------------------------

--
-- Table structure for table `news`
--

DROP TABLE IF EXISTS `news`;
CREATE TABLE IF NOT EXISTS `news` (
  `new_id` int(11) NOT NULL AUTO_INCREMENT,
  `new_pos_id` int(11) NOT NULL,
  `new_typ_id` int(11) NOT NULL,
  `new_img_id` int(11) DEFAULT NULL,
  `new_gal_id` int(11) DEFAULT NULL,
  `new_subject` varchar(100) COLLATE utf8_unicode_ci NOT NULL,
  `new_text` text CHARACTER SET utf8 COLLATE utf8_unicode_ci,
  `new_html` text COLLATE utf8_unicode_ci,
  `new_show_from` datetime NOT NULL,
  `new_show_to` datetime NOT NULL,
  PRIMARY KEY (`new_id`),
  KEY `new_pos_id` (`new_pos_id`),
  KEY `new_typ_id` (`new_typ_id`),
  KEY `new_img_id` (`new_img_id`),
  KEY `new_gal_id` (`new_gal_id`),
  KEY `new_show_index` (`new_typ_id`,`new_show_from`),
  KEY `new_show_from` (`new_show_from`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

-- --------------------------------------------------------

--
-- Table structure for table `offers`
--

DROP TABLE IF EXISTS `offers`;
CREATE TABLE IF NOT EXISTS `offers` (
  `off_id` int(11) NOT NULL AUTO_INCREMENT,
  `off_pos_id` int(11) NOT NULL,
  `off_subject` varchar(100) CHARACTER SET utf8 COLLATE utf8_unicode_ci NOT NULL,
  `off_typ_id` int(11) NOT NULL,
  `off_add_id` int(11) DEFAULT NULL,
  `off_img_id` int(11) DEFAULT NULL,
  `off_gal_id` int(11) DEFAULT NULL,
  `off_cost_id` int(11) DEFAULT NULL,
  `off_text` text CHARACTER SET utf8 COLLATE utf8_unicode_ci,
  `off_html` text COLLATE utf8_unicode_ci,
  `off_show_from` datetime NOT NULL,
  `off_show_to` datetime NOT NULL,
  PRIMARY KEY (`off_id`),
  KEY `off_pos_id` (`off_pos_id`),
  KEY `off_typ_id` (`off_typ_id`),
  KEY `off_add_id` (`off_add_id`,`off_show_from`),
  KEY `off_img_id` (`off_img_id`),
  KEY `off_gal_id` (`off_gal_id`),
  KEY `off_cost_id` (`off_cost_id`),
  KEY `off_show_from` (`off_show_from`),
  KEY `off_show_index` (`off_typ_id`,`off_show_from`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

-- --------------------------------------------------------

--
-- Table structure for table `organisations`
--

DROP TABLE IF EXISTS `organisations`;
CREATE TABLE IF NOT EXISTS `organisations` (
```

```
  `org_id` int(11) NOT NULL AUTO_INCREMENT,
  `org_add_same` tinyint(1) NOT NULL DEFAULT '0',
  `org_add_id` int(11) NOT NULL,
  `org_ind_id` int(11) NOT NULL,
  `org_grp_id` int(11) DEFAULT NULL,
  `org_img_id` int(11) DEFAULT NULL,
  `org_gal_id` int(11) DEFAULT NULL,
  `org_name` varchar(100) CHARACTER SET utf8 COLLATE utf8_unicode_ci DEFAULT NULL,
  `org_strap` varchar(100) CHARACTER SET utf8 COLLATE utf8_unicode_ci NOT NULL,
  `org_text` text CHARACTER SET utf8 COLLATE utf8_unicode_ci,
  `org_html` text COLLATE utf8_unicode_ci,
  `org_typ_id` int(11) NOT NULL,
  `org_sic_id` int(11) DEFAULT NULL,
  `org_conum` varchar(10) CHARACTER SET utf8 COLLATE utf8_unicode_ci DEFAULT NULL,
  `org_reg_id` tinyint(1) DEFAULT NULL,
  `org_vatnum` varchar(10) CHARACTER SET utf8 COLLATE utf8_unicode_ci DEFAULT NULL,
  `org_phone` varchar(25) CHARACTER SET utf8 COLLATE utf8_unicode_ci DEFAULT NULL,
  `org_mobile` varchar(25) CHARACTER SET utf8 COLLATE utf8_unicode_ci DEFAULT NULL,
  `org_email` varchar(100) CHARACTER SET utf8 COLLATE utf8_unicode_ci DEFAULT NULL,
  `org_web` varchar(255) CHARACTER SET utf8 COLLATE utf8_unicode_ci DEFAULT NULL,
  `org_facebook` varchar(100) CHARACTER SET utf8 COLLATE utf8_unicode_ci DEFAULT NULL,
  `org_twitter` varchar(100) CHARACTER SET utf8 COLLATE utf8_unicode_ci DEFAULT NULL,
  `org_instagram` varchar(100) CHARACTER SET utf8 COLLATE utf8_unicode_ci DEFAULT NULL,
  `org_added` datetime NOT NULL,
  `org_amended` datetime NOT NULL,
  `org_disabled` datetime DEFAULT NULL,
  `org_changed_by` int(11) NOT NULL,
  PRIMARY KEY (`org_id`),
  KEY `org_add_id` (`org_add_id`),
  KEY `org_ind_id` (`org_ind_id`),
  KEY `org_grp_id` (`org_grp_id`),
  KEY `org_typ_id` (`org_typ_id`),
  KEY `org_sic_id` (`org_sic_id`),
  KEY `org_reg_id` (`org_reg_id`),
  KEY `org_img_id` (`org_img_id`),
  KEY `org_gal_id` (`org_gal_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

-- --------------------------------------------------------

--
-- Table structure for table `orgindlinks`
--

DROP TABLE IF EXISTS `orgindlinks`;
CREATE TABLE IF NOT EXISTS `orgindlinks` (
  `oil_id` int(11) NOT NULL AUTO_INCREMENT,
  `oil_org_id` int(11) NOT NULL,
  `oil_ind_id` int(11) NOT NULL,
  `oil_owner` tinyint(1) NOT NULL DEFAULT '0',
  `oil_org_role` varchar(100) COLLATE utf8_unicode_ci NOT NULL,
  `oil_added` int(11) NOT NULL,
  `oil_amended` datetime NOT NULL,
  `oil_disabled` int(11) DEFAULT NULL,
  `oil_changed_by` int(11) NOT NULL,
  PRIMARY KEY (`oil_id`),
  UNIQUE KEY `oil_org_index` (`oil_org_id`,`oil_ind_id`),
  UNIQUE KEY `oil_ind_index` (`oil_ind_id`,`oil_org_id`),
  KEY `oil_org_id` (`oil_org_id`),
  KEY `oil_ind_id` (`oil_ind_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

-- --------------------------------------------------------

--
-- Table structure for table `orgindroles`
--
```

```
DROP TABLE IF EXISTS `orgindroles`;
CREATE TABLE IF NOT EXISTS `orgindroles` (
  `oir_id` int(11) NOT NULL AUTO_INCREMENT,
  `oir_role` varchar(100) COLLATE utf8_unicode_ci NOT NULL,
  PRIMARY KEY (`oir_id`),
  KEY `oir_role` (`oir_role`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

-- --------------------------------------------------------

--
-- Table structure for table `posts`
--

DROP TABLE IF EXISTS `posts`;
CREATE TABLE IF NOT EXISTS `posts` (
  `pos_id` int(11) NOT NULL AUTO_INCREMENT,
  `pos_type_id` int(11) NOT NULL,
  `pos_ind_id` int(11) NOT NULL,
  `pos_org_id` int(11) DEFAULT NULL,
  `pos_added` datetime NOT NULL,
  `pos_amended` datetime NOT NULL,
  `pos_disabled` datetime DEFAULT NULL,
  `pos_changed_by` int(11) NOT NULL,
  PRIMARY KEY (`pos_id`),
  KEY `pos_type_id` (`pos_type_id`),
  KEY `pos_ind_id` (`pos_ind_id`),
  KEY `pos_added` (`pos_added`),
  KEY `pos_org_id` (`pos_org_id`),
  KEY `pos_changed_by` (`pos_changed_by`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

-- --------------------------------------------------------

--
-- Table structure for table `regions`
--

DROP TABLE IF EXISTS `regions`;
CREATE TABLE IF NOT EXISTS `regions` (
  `rgn_id` int(11) NOT NULL AUTO_INCREMENT,
  `rgn_name` varchar(100) COLLATE utf8_unicode_ci NOT NULL,
  `rgn_cty_id` int(11) NOT NULL,
  PRIMARY KEY (`rgn_id`),
  KEY `rgn_cty_id` (`rgn_cty_id`),
  KEY `rgn_name` (`rgn_name`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

-- --------------------------------------------------------

--
-- Table structure for table `regplaces`
--

DROP TABLE IF EXISTS `regplaces`;
CREATE TABLE IF NOT EXISTS `regplaces` (
  `reg_id` int(11) NOT NULL AUTO_INCREMENT,
  `reg_place` varchar(100) COLLATE utf8_unicode_ci NOT NULL,
  PRIMARY KEY (`reg_id`),
  KEY `reg_place` (`reg_place`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

-- --------------------------------------------------------

--
-- Table structure for table `routes`
--
```

```
DROP TABLE IF EXISTS `routes`;
CREATE TABLE IF NOT EXISTS `routes` (
  `rte_id` int(11) NOT NULL AUTO_INCREMENT,
  `rte_pos_id` int(11) NOT NULL,
  `rte_typ_id` int(11) NOT NULL,
  `rte_places_id` int(11) NOT NULL,
  `rte_subject` varchar(100) CHARACTER SET utf8 COLLATE utf8_unicode_ci NOT NULL,
  `rte_add_id` int(11) DEFAULT NULL,
  `rte_img_id` int(11) DEFAULT NULL,
  `rte_gal_id` int(11) DEFAULT NULL,
  `rte_text` text COLLATE utf8_unicode_ci,
  `rte_html` text COLLATE utf8_unicode_ci,
  `rte_map` varchar(100) COLLATE utf8_unicode_ci DEFAULT NULL,
  `rte_gpx` varchar(100) COLLATE utf8_unicode_ci DEFAULT NULL,
  `rte_meet_info` varchar(100) CHARACTER SET utf8 COLLATE utf8_unicode_ci NOT NULL,
  PRIMARY KEY (`rte_id`),
  KEY `rte_pos_id` (`rte_pos_id`),
  KEY `rte_add_id` (`rte_add_id`),
  KEY `rte_img_id` (`rte_img_id`),
  KEY `rte_gal_id` (`rte_gal_id`),
  KEY `rte_typ_id` (`rte_typ_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

-- --------------------------------------------------------

--
-- Table structure for table `rteplaces`
--

DROP TABLE IF EXISTS `rteplaces`;
CREATE TABLE IF NOT EXISTS `rteplaces` (
  `rpl_id` int(11) NOT NULL AUTO_INCREMENT,
  `rpl_name` varchar(100) COLLATE utf8_unicode_ci NOT NULL,
  `rpl_rgn_id` int(11) NOT NULL,
  PRIMARY KEY (`rpl_id`),
  KEY `rpl_name` (`rpl_name`),
  KEY `rpl_rgn_id` (`rpl_rgn_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

-- --------------------------------------------------------

--
-- Table structure for table `salesandwants`
--

DROP TABLE IF EXISTS `salesandwants`;
CREATE TABLE IF NOT EXISTS `salesandwants` (
  `saw_id` int(11) NOT NULL AUTO_INCREMENT,
  `saw_pos_id` int(11) NOT NULL,
  `saw_typ_id` int(11) NOT NULL,
  `saw_subject` varchar(100) CHARACTER SET utf8 COLLATE utf8_unicode_ci NOT NULL,
  `saw_add_id` int(11) DEFAULT NULL,
  `saw_img_id` int(11) DEFAULT NULL,
  `saw_gal_id` int(11) DEFAULT NULL,
  `saw_cost_id` int(11) DEFAULT NULL,
  `saw_text` text CHARACTER SET utf8 COLLATE utf8_unicode_ci,
  `saw_html` text COLLATE utf8_unicode_ci,
  `saw_show_from` datetime NOT NULL,
  `saw_show_to` datetime NOT NULL,
  PRIMARY KEY (`saw_id`),
  KEY `saw_typ_id` (`saw_typ_id`),
  KEY `saw_pos_id` (`saw_pos_id`),
  KEY `saw_add_id` (`saw_add_id`),
  KEY `saw_img_id` (`saw_img_id`),
  KEY `saw_gal_id` (`saw_gal_id`),
  KEY `saw_cost_id` (`saw_cost_id`),
  KEY `saw_show_from` (`saw_show_from`),
  KEY `saw_show_index` (`saw_typ_id`,`saw_show_from`)
```

```
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

-- --------------------------------------------------------

--
-- Table structure for table `siccodes`
--

DROP TABLE IF EXISTS `siccodes`;
CREATE TABLE IF NOT EXISTS `siccodes` (
  `sic_id` int(11) NOT NULL AUTO_INCREMENT,
  `sic_code` int(11) NOT NULL,
  `sic_name` varchar(100) COLLATE utf8_unicode_ci NOT NULL,
  PRIMARY KEY (`sic_id`),
  KEY `sic_code` (`sic_code`),
  KEY `sic_name` (`sic_name`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

-- --------------------------------------------------------

--
-- Table structure for table `threads`
--

DROP TABLE IF EXISTS `threads`;
CREATE TABLE IF NOT EXISTS `threads` (
  `thr_id` int(11) NOT NULL AUTO_INCREMENT,
  `thr_pos_id` int(11) NOT NULL,
  `thr_subject` varchar(100) CHARACTER SET utf8 COLLATE utf8_unicode_ci NOT NULL,
  `thr_typ_id` int(11) NOT NULL,
  `thr_typ_id_id` int(11) DEFAULT NULL,
  `thr_img_id` int(11) DEFAULT NULL,
  `com_show_from` datetime NOT NULL,
  `com_show_to` datetime NOT NULL,
  PRIMARY KEY (`thr_id`),
  KEY `thr_pos_id` (`thr_pos_id`) USING BTREE,
  KEY `thr_typ_id` (`thr_typ_id`) USING BTREE,
  KEY `thr_img_id` (`thr_img_id`) USING BTREE,
  KEY `thr_typ_id_id` (`thr_typ_id_id`) USING BTREE
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

-- --------------------------------------------------------

--
-- Table structure for table `titles`
--

DROP TABLE IF EXISTS `titles`;
CREATE TABLE IF NOT EXISTS `titles` (
  `title_id` int(11) NOT NULL AUTO_INCREMENT,
  `title_name` varchar(100) CHARACTER SET utf8 COLLATE utf8_unicode_ci NOT NULL,
  PRIMARY KEY (`title_id`),
  KEY `title_name` (`title_name`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

-- --------------------------------------------------------

--
-- Table structure for table `towns`
--

DROP TABLE IF EXISTS `towns`;
CREATE TABLE IF NOT EXISTS `towns` (
  `town_id` int(11) NOT NULL AUTO_INCREMENT,
  `town_name` varchar(100) CHARACTER SET utf8 COLLATE utf8_unicode_ci NOT NULL,
  `town_cnt_id` int(11) NOT NULL,
  PRIMARY KEY (`town_id`),
  KEY `town_name` (`town_name`),
```

```
  KEY `town_county_id` (`town_cnt_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

-- --------------------------------------------------------

--
-- Table structure for table `types`
--

DROP TABLE IF EXISTS `types`;
CREATE TABLE IF NOT EXISTS `types` (
  `typ_id` int(11) NOT NULL AUTO_INCREMENT,
  `typ_type` char(3) CHARACTER SET utf8 COLLATE utf8_unicode_ci NOT NULL,
  `typ_name` varchar(100) CHARACTER SET utf8 COLLATE utf8_unicode_ci NOT NULL,
  PRIMARY KEY (`typ_id`),
  UNIQUE KEY `typ_type` (`typ_type`,`typ_name`),
  KEY `typ_name` (`typ_name`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

--
-- Constraints for dumped tables
--

--
-- Constraints for table `addresses`
--
ALTER TABLE `addresses`
  ADD CONSTRAINT `FK_add_evt` FOREIGN KEY (`add_id`) REFERENCES `events` (`evt_add_id`) ON
  DELETE RESTRICT,
  ADD CONSTRAINT `FK_add_ind` FOREIGN KEY (`add_id`) REFERENCES `individuals` (`ind_add_id`)
  ON DELETE RESTRICT,
  ADD CONSTRAINT `FK_add_job` FOREIGN KEY (`add_id`) REFERENCES `jobs` (`job_add_id`) ON
  DELETE RESTRICT,
  ADD CONSTRAINT `FK_add_org` FOREIGN KEY (`add_id`) REFERENCES `organisations`
  (`org_add_id`) ON DELETE RESTRICT,
  ADD CONSTRAINT `FK_add_rte` FOREIGN KEY (`add_id`) REFERENCES `routes` (`rte_add_id`) ON
  DELETE RESTRICT,
  ADD CONSTRAINT `FK_add_saw` FOREIGN KEY (`add_id`) REFERENCES `salesandwants`
  (`saw_add_id`) ON DELETE RESTRICT;

--
-- Constraints for table `costs`
--
ALTER TABLE `costs`
  ADD CONSTRAINT `FK_cos_` FOREIGN KEY (`cos_id`) REFERENCES `salesandwants` (`saw_cost_id`)
  ON DELETE RESTRICT,
  ADD CONSTRAINT `FK_cos_evt` FOREIGN KEY (`cos_id`) REFERENCES `events` (`evt_cost_id`) ON
  DELETE RESTRICT,
  ADD CONSTRAINT `FK_cos_saw` FOREIGN KEY (`cos_id`) REFERENCES `salesandwants`
  (`saw_cost_id`) ON DELETE RESTRICT;

--
-- Constraints for table `counties`
--
ALTER TABLE `counties`
  ADD CONSTRAINT `FK_cnt` FOREIGN KEY (`cnt_id`) REFERENCES `towns` (`town_cnt_id`) ON
  DELETE RESTRICT;

--
-- Constraints for table `countries`
--
ALTER TABLE `countries`
  ADD CONSTRAINT `FK_cty` FOREIGN KEY (`cty_id`) REFERENCES `regions` (`rgn_cty_id`) ON
  DELETE RESTRICT;

--
-- Constraints for table `districts`
--
```

```
ALTER TABLE `districts`
  ADD CONSTRAINT `FK_dis_add` FOREIGN KEY (`dis_id`) REFERENCES `addresses`
  (`add_district_id`) ON DELETE RESTRICT,
  ADD CONSTRAINT `FK_dis_area` FOREIGN KEY (`dis_id`) REFERENCES `areas` (`area_dis_id`) ON
  DELETE RESTRICT;

--
-- Constraints for table `galleries`
--
ALTER TABLE `galleries`
  ADD CONSTRAINT `FK_gal_emp` FOREIGN KEY (`gal_id`) REFERENCES `announcements`
  (`ann_gal_id`) ON DELETE RESTRICT,
  ADD CONSTRAINT `FK_gal_evt` FOREIGN KEY (`gal_id`) REFERENCES `events` (`evt_gal_id`) ON
  DELETE RESTRICT,
  ADD CONSTRAINT `FK_gal_gli` FOREIGN KEY (`gal_id`) REFERENCES `galleries` (`gal_gli_id`)
  ON DELETE RESTRICT,
  ADD CONSTRAINT `FK_gal_job` FOREIGN KEY (`gal_id`) REFERENCES `jobs` (`job_gal_id`) ON
  DELETE RESTRICT,
  ADD CONSTRAINT `FK_gal_new` FOREIGN KEY (`gal_id`) REFERENCES `news` (`new_gal_id`) ON
  DELETE RESTRICT,
  ADD CONSTRAINT `FK_gal_off` FOREIGN KEY (`gal_id`) REFERENCES `offers` (`off_gal_id`) ON
  DELETE RESTRICT,
  ADD CONSTRAINT `FK_gal_org` FOREIGN KEY (`gal_id`) REFERENCES `organisations`
  (`org_gal_id`) ON DELETE RESTRICT,
  ADD CONSTRAINT `FK_gal_rte` FOREIGN KEY (`gal_id`) REFERENCES `routes` (`rte_gal_id`) ON
  DELETE RESTRICT,
  ADD CONSTRAINT `FK_gal_saw` FOREIGN KEY (`gal_id`) REFERENCES `routes` (`rte_gal_id`) ON
  DELETE RESTRICT;

--
-- Constraints for table `groups`
--
ALTER TABLE `groups`
  ADD CONSTRAINT `FK_grp_org` FOREIGN KEY (`grp_id`) REFERENCES `organisations`
  (`org_grp_id`) ON DELETE RESTRICT;

--
-- Constraints for table `images`
--
ALTER TABLE `images`
  ADD CONSTRAINT `FK_img_ann` FOREIGN KEY (`img_id`) REFERENCES `announcements`
  (`ann_img_id`) ON DELETE RESTRICT,
  ADD CONSTRAINT `FK_img_emp` FOREIGN KEY (`img_id`) REFERENCES `employments` (`emp_img_id`)
  ON DELETE RESTRICT,
  ADD CONSTRAINT `FK_img_evt` FOREIGN KEY (`img_id`) REFERENCES `events` (`evt_img_id`) ON
  DELETE RESTRICT,
  ADD CONSTRAINT `FK_img_gli` FOREIGN KEY (`img_id`) REFERENCES `gallinks` (`gli_img_id`) ON
  DELETE RESTRICT,
  ADD CONSTRAINT `FK_img_ind` FOREIGN KEY (`img_id`) REFERENCES `individuals` (`ind_img_id`)
  ON DELETE RESTRICT,
  ADD CONSTRAINT `FK_img_job` FOREIGN KEY (`img_id`) REFERENCES `jobs` (`job_img_id`) ON
  DELETE RESTRICT,
  ADD CONSTRAINT `FK_img_new` FOREIGN KEY (`img_id`) REFERENCES `news` (`new_img_id`) ON
  DELETE RESTRICT,
  ADD CONSTRAINT `FK_img_off` FOREIGN KEY (`img_id`) REFERENCES `offers` (`off_img_id`) ON
  DELETE RESTRICT,
  ADD CONSTRAINT `FK_img_org` FOREIGN KEY (`img_id`) REFERENCES `organisations`
  (`org_img_id`) ON DELETE RESTRICT,
  ADD CONSTRAINT `FK_img_rte` FOREIGN KEY (`img_id`) REFERENCES `routes` (`rte_img_id`) ON
  DELETE RESTRICT,
  ADD CONSTRAINT `FK_img_saw` FOREIGN KEY (`img_id`) REFERENCES `salesandwants`
  (`saw_img_id`) ON DELETE RESTRICT;

--
-- Constraints for table `individuals`
--
ALTER TABLE `individuals`
  ADD CONSTRAINT `FK_ind_oil` FOREIGN KEY (`ind_id`) REFERENCES `orgindlinks` (`oil_ind_id`)
```

```
  ON DELETE RESTRICT,
  ADD CONSTRAINT `FK_ind_org` FOREIGN KEY (`ind_id`) REFERENCES `organisations`
  (`org_ind_id`) ON DELETE RESTRICT,
  ADD CONSTRAINT `FK_ind_pos` FOREIGN KEY (`ind_id`) REFERENCES `posts` (`pos_ind_id`) ON
  DELETE RESTRICT;

--
-- Constraints for table `indroles`
--
ALTER TABLE `indroles`
  ADD CONSTRAINT `FK_irl_ind` FOREIGN KEY (`ir_id`) REFERENCES `individuals` (`ind_role_id`)
  ON DELETE RESTRICT;

--
-- Constraints for table `organisations`
--
ALTER TABLE `organisations`
  ADD CONSTRAINT `FK_org_oil` FOREIGN KEY (`org_id`) REFERENCES `orgindlinks` (`oil_org_id`)
  ON DELETE RESTRICT,
  ADD CONSTRAINT `FK_org_pos` FOREIGN KEY (`org_id`) REFERENCES `posts` (`pos_org_id`) ON
  DELETE RESTRICT;

--
-- Constraints for table `posts`
--
ALTER TABLE `posts`
  ADD CONSTRAINT `FK_pos_ann` FOREIGN KEY (`pos_id`) REFERENCES `announcements`
  (`ann_pos_id`) ON DELETE CASCADE,
  ADD CONSTRAINT `FK_pos_com` FOREIGN KEY (`pos_id`) REFERENCES `threads` (`thr_pos_id`) ON
  DELETE CASCADE,
  ADD CONSTRAINT `FK_pos_emp` FOREIGN KEY (`pos_id`) REFERENCES `employments` (`emp_pos_id`)
  ON DELETE CASCADE,
  ADD CONSTRAINT `FK_pos_evt` FOREIGN KEY (`pos_id`) REFERENCES `events` (`evt_pos_id`) ON
  DELETE CASCADE,
  ADD CONSTRAINT `FK_pos_job` FOREIGN KEY (`pos_id`) REFERENCES `jobs` (`job_pos_id`) ON
  DELETE CASCADE,
  ADD CONSTRAINT `FK_pos_new` FOREIGN KEY (`pos_id`) REFERENCES `news` (`new_pos_id`) ON
  DELETE CASCADE,
  ADD CONSTRAINT `FK_pos_off` FOREIGN KEY (`pos_id`) REFERENCES `offers` (`off_pos_id`) ON
  DELETE CASCADE,
  ADD CONSTRAINT `FK_pos_rte` FOREIGN KEY (`pos_id`) REFERENCES `routes` (`rte_pos_id`) ON
  DELETE CASCADE,
  ADD CONSTRAINT `FK_pos_saw` FOREIGN KEY (`pos_id`) REFERENCES `salesandwants`
  (`saw_pos_id`) ON DELETE CASCADE;

--
-- Constraints for table `regions`
--
ALTER TABLE `regions`
  ADD CONSTRAINT `FK_rgn` FOREIGN KEY (`rgn_id`) REFERENCES `counties` (`cnt_rgn_id`) ON
  DELETE RESTRICT,
  ADD CONSTRAINT `FK_rgn_rteplaces` FOREIGN KEY (`rgn_id`) REFERENCES `rteplaces`
  (`rpl_rgn_id`) ON DELETE RESTRICT;

--
-- Constraints for table `threads`
--
ALTER TABLE `threads`
  ADD CONSTRAINT `FK_com` FOREIGN KEY (`thr_id`) REFERENCES `comments` (`com_thr_id`) ON
  DELETE RESTRICT;

--
-- Constraints for table `titles`
--
ALTER TABLE `titles`
  ADD CONSTRAINT `FK_title` FOREIGN KEY (`title_id`) REFERENCES `individuals`
  (`ind_title_id`) ON DELETE RESTRICT;
```

```
--
-- Constraints for table `towns`
--
ALTER TABLE `towns`
  ADD CONSTRAINT `FK_town_add` FOREIGN KEY (`town_id`) REFERENCES `addresses`
  (`add_town_id`) ON DELETE RESTRICT;

--
-- Constraints for table `types`
--
ALTER TABLE `types`
  ADD CONSTRAINT `FK_typ_ann` FOREIGN KEY (`typ_id`) REFERENCES `announcements`
  (`ann_type_id`) ON DELETE RESTRICT,
  ADD CONSTRAINT `FK_typ_com` FOREIGN KEY (`typ_id`) REFERENCES `threads` (`thr_typ_id`) ON
  DELETE RESTRICT,
  ADD CONSTRAINT `FK_typ_emp` FOREIGN KEY (`typ_id`) REFERENCES `employments` (`emp_typ_id`)
  ON DELETE RESTRICT,
  ADD CONSTRAINT `FK_typ_evt` FOREIGN KEY (`typ_id`) REFERENCES `events` (`evt_typ_id`) ON
  DELETE RESTRICT,
  ADD CONSTRAINT `FK_typ_gal` FOREIGN KEY (`typ_id`) REFERENCES `galleries` (`gal_typ_id`)
  ON DELETE RESTRICT,
  ADD CONSTRAINT `FK_typ_job` FOREIGN KEY (`typ_id`) REFERENCES `jobs` (`job_typ_id`) ON
  DELETE RESTRICT,
  ADD CONSTRAINT `FK_typ_new` FOREIGN KEY (`typ_id`) REFERENCES `news` (`new_typ_id`) ON
  DELETE RESTRICT,
  ADD CONSTRAINT `FK_typ_off` FOREIGN KEY (`typ_id`) REFERENCES `offers` (`off_typ_id`) ON
  DELETE RESTRICT,
  ADD CONSTRAINT `FK_typ_org` FOREIGN KEY (`typ_id`) REFERENCES `organisations`
  (`org_typ_id`) ON DELETE RESTRICT,
  ADD CONSTRAINT `FK_typ_pos` FOREIGN KEY (`typ_id`) REFERENCES `posts` (`pos_type_id`) ON
  DELETE RESTRICT,
  ADD CONSTRAINT `FK_typ_rte` FOREIGN KEY (`typ_id`) REFERENCES `routes` (`rte_typ_id`) ON
  DELETE RESTRICT,
  ADD CONSTRAINT `FK_typ_saw` FOREIGN KEY (`typ_id`) REFERENCES `salesandwants`
  (`saw_typ_id`) ON DELETE RESTRICT;
COMMIT;

/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
```

Appendix VII

Appendix VIII

Appendix IX

Appendix X

Appendix XI