ADMIN
admin_flag: CHAR(1), NOT NULL = Y

PERSON
The church DB probably already has a PERSON table, but our project will have to be standalone in order to run code.

+person_id: SMALLINT, NOT NULL, AUTO INCREMENT, PRIMARY KEY
first_name: VARCHAR, NOT NULL
last_name: VARCHAR, NOT NULL
phone: VARCHAR, NULL
[validate when input with a PHP regex; may also use an SQL CONSTRAINT if possible]

email: VARCHAR, NULL
[validate when input with a PHP regex; may also use an SQL CONSTRAINT if possible]

occupation: VARCHAR, NULL
comments: VARCHAR

ADDRESS
Made this a separate entity so Volunteer Organizations could have Addresses too.

+address_id: SMALLINT, NOT NULL, AUTO_INCREMENT, PRIMARY KEY
address_line_1: VARCHAR, NOT NULL
address_line_2: VARCHAR, NULL
city: VARCHAR, NOT NULL
state: CHAR(2)
zip: VARCHAR, NOT NULL, [validate when input - PHP regex]
Made a VARCHAR to allow for zip+4

CURR_VOL_ACTIVITY
+vol_info_id: VARCHAR, NOT NULL, PRIMARY KEY
#person_info: VARCHAR, NOT NULL, FOREIGN KEY

VOL_ORG
- Also likely on church DB as they are church partners, but we need this table so we can run code (volunteers will refer to them under the Volunteer Experience section of the form)
- If church partner, would probably also have org_address (address_id as foreign key) and a contact person (or list of them). Each contact person (person_id as foreign key) would probably also need a position &/or dept. Should I add those now, or wait until a later iteration?

+org_id: SMALLINT, NOT NULL, AUTO_INCREMENT, PRIMARY KEY
org_name: VARCHAR
partner: ENUM('Y', 'N'), NOT NULL

AVAILABILITY
+vol_info_id: VARCHAR, NOT NULL, PRIMARY KEY
#person_id: SMALLINT, NOT NULL, FOREIGN KEY

SCHED_PREFS
scheduling preferences

+vol_info_id: SMALLINT, NOT NULL, PRIMARY KEY
#person_id: SMALLINT, NOT NULL, FOREIGN KEY

WK_TYPE_PREFS
work type preferences

+vol_info_id: SMALLINT, NOT NULL, PRIMARY KEY
#person_id: SMALLINT, NOT NULL, FOREIGN KEY

PEOPLE_PREFS
+vol_info_id: SMALLINT, NOT NULL, PRIMARY KEY
#person_id: SMALLINT, NOT NULL, FOREIGN KEY

ISSUES
+vol_info_id: SMALLINT, NOT NULL, PRIMARY KEY
#person_id: SMALLINT, NOT NULL, FOREIGN KEY

MOTIVATION
+vol_info_id: SMALLINT, NOT NULL, PRIMARY KEY
#person_info: SMALLINT, NOT NULL, FOREIGN KEY

VOL_INFO
(Need a better name for this?)
This table will be used to list Issues and Volunteer Availability, Preferences, and Motivation, and also current volunteer activities.
This table itself really only describes the issue, motivation, activity, etc. The join tables will be separate: an ISSUES table with a person_id and an issue_id, and so on.

+vol_info_id: VARCHAR?, NOT NULL, auto_increment?, PRIMARY KEY
Need to make this an int type to auto-increment, or could make this a VARCHAR field and set the value of each as I create the DB.
(Issues as ISSUE001, ISSUE002; Motivation as MOTIV001, MOTIV002, etc.)
I think the VARCHAR is the way to go on this, as it will keep the list in order and the list items probably won't be updated often.

abbrev_name: VARCHAR, NOT NULL, UNIQUE
abbreviated name

description: VARCHAR, NULL, UNIQUE
As described on form - gives user the option to print out entire description and not have to decrypt, or to just print the skill name and save space.
Will see if I can make it default to abbrev_name unless over-written; else will have to do behind screen used to modify DB tables

BLDG_MAINT_SKILLS
+skill_set_id: CHAR(10), NOT NULL, PRIMARY KEY = BLDG_MAINT
#person_id: VARCHAR, NOT NULL, FOREIGN KEY
carpentry: ENUM('I', 'E'), NULL
electrical: ENUM('I', 'E'), NULL
frame_drywall: ENUM('I', 'E'), NULL
hvac: ENUM('I', 'E'), NULL
layout_design: ENUM('I', 'E'), NULL
painting: ENUM('I', 'E'), NULL
plumbing: ENUM('I', 'E'), NULL

JOB_PLACEMT_SKILLS
+skill_set_id: CHAR(3), NOT NULL, PRIMARY KEY = JOB
#person_id: VARCHAR, NOT NULL, FOREIGN KEY
counsel_mentor: ENUM('I', 'E'), NULL
interview_resume: ENUM('I', 'E'), NULL
networking: ENUM('I', 'E'), NULL

CAREGIVING_SKILLS
+skill_set_id: CHAR(4), NOT NULL, PRIMARY KEY = CARE
#person_id: VARCHAR, NOT NULL, FOREIGN KEY
childcare: ENUM('I', 'E'), NULL
home_visits: ENUM('I', 'E'), NULL
transportation_assist: ENUM('I', 'E'), NULL
meal_delivery: ENUM('I', 'E'), NULL

COMPUTER_SKILLS

+skill_set_id: CHAR(4), NOT NULL, PRIMARY KEY = COMP
#person_id: VARCHAR, NOT NULL, FOREIGN KEY
 software_apps: ENUM('I', 'E'), NULL
 data_entry_analysis: ENUM('I', 'E'), NULL
 web_dev_graphic_design: ENUM('I', 'E'), NULL

COMMUNICATION_SKILLS

+skill_set_id: CHAR(4), NOT NULL, PRIMARY KEY = COMM
#person_id: VARCHAR, NOT NULL, FOREIGN KEY
 av: ENUM('I', 'E'), NULL
 creative_writing: ENUM('I', 'E'), NULL
 documenting_editing: ENUM('I', 'E'), NULL
 sign_lang: ENUM('I', 'E'), NULL
 storytelling: ENUM('I', 'E'), NULL

CREATIVE_ARTS_SKILLS

+skill_set_id: CHAR(3), NOT NULL, PRIMARY KEY = ART
#person_id: VARCHAR, NOT NULL FOREIGN KEY
 draw_paint: ENUM('I', 'E'), NULL
 crafts_creative: ENUM('I', 'E'), NULL
 photography: ENUM('I', 'E'), NULL
 sewing_quilting

CULTURAL_SKILLS

+skill_set_id: CHAR(8), NOT NULL, PRIMARY KEY = CULTURAL
#person_id: VARCHAR, NOT NULL, FOREIGN KEY
 cultural_knowledge: ENUM('I', 'E'), NULL
 foreign_lang: ENUM('I', 'E'), NULL

DRAMA_SKILLS

+skill_set_id: CHAR(5), NOT NULL, PRIMARY KEY = DRAMA
#person_id: VARCHAR, NOT NULL, FOREIGN KEY
 acting: ENUM('I', 'E'), NULL
 costumes_set_design: ENUM('I', 'E'), NULL
 dance: ENUM('I', 'E'), NULL
 music_instrument: ENUM('I', 'E'), NULL
 music_vocal: ENUM('I', 'E'), NULL
 script_writing: ENUM('I', 'E'), NULL

EDUC_SKILLS

+skill_set_id: CHAR(4), NOT NULL, PRIMARY KEY = EDUC
#person_id: VARCHAR, NOT NULL, FOREIGN KEY
 instructional_design: ENUM('I', 'E'), NULL
 teaching_training: ENUM('I', 'E'), NULL
 tutoring: ENUM('I', 'E'), NULL

EVENT_MGMT_SKILLS

+skill_set_id: CHAR(5), NOT NULL, PRIMARY KEY = EVENT
#person_id: SMALLINT, NOT NULL, FOREIGN KEY
 planning: ENUM('I', 'E'), NULL
 hospitality: ENUM('I', 'E'), NULL
 host_mc: ENUM('I', 'E'), NULL
 food_prep: ENUM('I', 'E'), NULL
 set_up_clean_up: ENUM('I', 'E'), NULL

FINANCIAL_SKILLS

+skill_set_id: CHAR(3), NOT NULL, PRIMARY KEY = FIN
#person_id: VARCHAR, NOT NULL, FOREIGN KEY
 budget_acctg: ENUM('I', 'E'), NULL
 tax_prep: ENUM('I', 'E'), NULL
 investment_analysis: ENUM('I', 'E'), NULL

HEALTHCARE

+skill_set_id: CHAR(4), NOT NULL, PRIMARY KEY = HLTH
#person_id: VARCHAR, NOT NULL, FOREIGN KEY
 medical: ENUM('I', 'E'), NULL
 mental_health: ENUM('I', 'E'), NULL
 complementary: ENUM('I', 'E'), NULL
 elder_care: ENUM('I', 'E'), NULL

MGMT_SKILLS

+skill_set_id: CHAR(4), NOT NULL, PRIMARY KEY = MGMT
#person_id: VARCHAR, NOT NULL, FOREIGN KEY
 assessmt_eval: ENUM('I', 'E'), NULL
 fundraising: ENUM('I', 'E'), NULL
 mktg_sales: ENUM('I', 'E'), NULL
 proj_mgmt: ENUM('I', 'E'), NULL
 public_relations_media: ENUM('I', 'E'), NULL
 research: ENUM('I', 'E'), NULL
 strategic_planning: ENUM('I', 'E'), NULL
 survey_design_analysis: ENUM('I', 'E'), NULL

OUTDOOR_SKILLS

+skill_set_id: CHAR(5), NOT NULL, PRIMARY KEY = OUTDR
#person_id: VARCHAR, NOT NULL, FOREIGN KEY
 camping_hiking: ENUM('I', 'E'), NULL
 gardening: ENUM('I', 'E'), NULL
 landscaping: ENUM('I', 'E'), NULL

OTHER_PROFESSIONAL_SKILLS

+skill_set_id: CHAR(10), NOT NULL, PRIMARY KEY = OTHER_PROF
#person_id: VARCHAR, NOT NULL, FOREIGN KEY
 legal_svcs: ENUM('I', 'E'), NULL
 librarian: ENUM('I', 'E'), NULL
 property_mgmt: ENUM('I', 'E'), NULL

PEOPLE_SKILLS

+skill_set_id: CHAR(6), NT NULL, PRIMARY KEY = PEOPLE
#person_id: VARCHAR, NOT NULL, FOREIGN KEY
 conflict_mediation: ENUM('I', 'E'), NULL
 group_facilitation: ENUM('I', 'E'), NULL
 mentor_coach: ENUM('I', 'E'), NULL
 motivation_feedbk: ENUM('I', 'E'), NULL