!!! There is no “Event” on server like how the app is designed to receive. Jen needs a tool to submit an event to a new table in the lvc server. The “events” currently in the database are events that students submit a report too, not something that a student would sign up for.

Flutter Server:

Resources:

Good for learning about Django Many-to\_Many relationship tables which are used in our tables "users\_groups", "users\_interests", “csGroups11112021” tables

<https://docs.djangoproject.com/en/dev/ref/models/relations/>

For learning about Django models

<https://djangobook.com/mdj2-models/>

For learning about Django projects themselves.

<https://docs.djangoproject.com/en/3.2/intro/tutorial01/>

NOTES:

* DB browser for SQLite is a good program to brose the local db with a gui.
* Read “NotesFromAL.txt” to understand how to run server,

TODO:

* Need to communicate with LVC IT so that models in the local db match the ones on the lvc server. This way we can use solely the LVC server db.
* Note that any tables ending in date (such as csGroups11112021) are copies of the lvc table from that date, as we did not want to erase any data already on the lvc server.
* The local db does have the copies of those tables at the moment, only the table name is the same.
* 5 new tables were added to the LVC database A picture containing table

  Description automatically generated, these 5 tables need replaced/updated as there was a communication issue when asking to add these tables. The 5 tables that will replace them are described using the CREATE Table commands below, asking IT to use these commands and delete the previous tables should make for easy transition from local db to lvc db.
* CREATE TABLE "users" ("id" integer NOT NULL PRIMARY KEY AUTOINCREMENT, "username" varchar(20) NULL, "token" varchar(4096) NULL)
* CREATE TABLE "interests" ("id" integer NOT NULL PRIMARY KEY AUTOINCREMENT, "name" varchar(30) NULL)
* CREATE TABLE "users\_groups" ("id" integer NOT NULL PRIMARY KEY AUTOINCREMENT, "users\_id" integer NOT NULL REFERENCES "users" ("id") DEFERRABLE INITIALLY DEFERRED, "csgroups11112021\_id" integer NOT NULL REFERENCES "csGroups11112021" ("groupID") DEFERRABLE INITIALLY DEFERRED)
* CREATE TABLE "users\_interests" ("id" integer NOT NULL PRIMARY KEY AUTOINCREMENT, "users\_id" integer NOT NULL REFERENCES "users" ("id") DEFERRABLE INITIALLY DEFERRED, "interests\_id" integer NOT NULL REFERENCES "interests" ("id") DEFERRABLE INITIALLY DEFERRED)
* CREATE TABLE "csGroups11112021\_interests" ("id" integer NOT NULL PRIMARY KEY AUTOINCREMENT, "csgroups11112021\_id" integer NOT NULL REFERENCES "csGroups11112021" ("groupID") DEFERRABLE INITIALLY DEFERRED, "interests\_id" integer NOT NULL REFERENCES "interests" ("id") DEFERRABLE INITIALLY DEFERRED)
* We also requested 2 new fields added to the LVC table “Csprojects11112021”. These fields were a 200 varChar field “description” and smalldatetime field “eventDate”. This request was not recognized and needs clarification from IT if this is possible. Without these many fields in the app will need large changes. These fields are currently in the local db version of the same table. Note that this change would also eventually be added to the lvc db “Csprojects” table as well when testing is done.
* Once these tables are replaced and fields added we should be able to switch to the lvc database by changing the database field in settings.py.
* There are TODOs in views.py noting what urls are still needed.