The original SQL files make note of server names, host names, generation time, and version number, along with some other miscellaneous meta-information. It would likely be a good idea to add this to the new SQL file

The SQL files for the original games puts `` around table and var names, I’m not sure of the signifigance of this

“DROP TABLE IF EXISTS” should likely be added before each table

We may need to name our constraints—both SQL files do

The SQL files use datetime, whereas we use date

The pharmgenius game specifies its constraints at the end of the file, whereas the oral pathology and ours specify in each table

We should probably add a GRANT ALL PRIVILEGES line at the end

The games have an extra line at the end of each table “ENGINE=InnoDB DEFAULT CHARSET=latin1;”

# Procedures

The pharm genius game has some procedures:

* + sp\_createCategoryAndQuiz
  + sp\_createQuestion
  + sp\_createUserAccount
  + sp\_resetUserScore
  + sp\_getScoreForUser (this is a function, not sure what the difference is)

The dental game has none

# Triggers

The pharm genius game has a bunch of triggers

* trg\_bugReportBackup
* trg\_categoryBackup
* trg\_updateQuizStatus
* trg\_flaggedQuestionBackup
* trg\_questionBackup
* trg\_updateQuestionRemovedDate
* trg\_quizBackup
* trg\_updateQuestionStatus
* trg\_updateRemovedDate
* trg\_userBackup
* trg\_userProfileBackup
* trg\_voteBackup
* trg\_answerBackup
* trg\_addAttemptNumber
* trg\_addAttemptToQuestion
* trg\_answerLogBackup

The dental game has none

# User Table

The ‘username’ field is typo’ed as ‘usename’

Score field defaults to 0 in PG

Admin, owner, and active flag all default to N in PG

Registered date default to Current Timestamp

# Image Table

No special constraints

# Users Profile Table

Employer, interests, bio, and image\_url defaults to NULL

Created date defaults to current timestamp

Last updated date defaults to current timestamp, and on update sets to current timestamp

# Bug Report Table

Created date defaults to current timestamp

Report id should auto increment

# Score Log Table

AutoID auto increments

Number\_question\_answered field typo’ed as Number\_question\_ansered

Log date time defaults to current timestamp

Level attempt number defaults to 1

Is level complete, final level score, number questions answered, number correct, and number incorrect all default to 0

# Sub Classification Table

Question\_id is typo’ed as qustion\_id

Are these supposed to be foreign keys to something?

The primary key is supposed to be both

# Page Access Table

pageaccessId should auto-increment

The rest should default to null

# Vw Correct Answers v1 Table (and v2, and v3)

These are views, not tables. Or, rather, they create a table as a stand in structure, then promptly delete it and replace it with the view.

I will omit any further comment until we figure out what it’s for

# Deleted User Profile Table

Everything here should default to NULL, except the deleted date, which defaults to the current timestamp

Which means we need to get rid of the NOT NULL constraint

# Deleted User Table

Everything here should default to NULL, except the deleted date, which defaults to the current timestamp

Which means we need to get rid of the NOT NULL constraint

# Admin Email Addresses Table

No Action

# Categories Table

Verified and active default to N

Created date defaults to current timestamp

Last\_updated date defaults to the current timestamp, and on update updates to the current timestamp

Category id should auto increment

# Quizzes Table

Quiz\_ID and Category ID should be Unsigned

Quiz id should auto increment

Description defaults to NULL

Active flag and removed flag defaults to N

Removed date defaults to NULL

Created date defaults to current timestamp

Last updated date defaults to current timestamp and on update defaults to current timestamp

# Quiz Question Choices Table

Wouldn’t Correct Flag be better off as an enum?

Shouldn’t it be referencing the Question ID, not the Quiz ID?

# Question Table

Score should be unsigned and default to 100

Times correctly answered should be unsigned and default to 0

Times answered should be unsigned and default to 0

Verified, active, and removed flag should default to N

Does it make sense to have a removed date and removed flag if there’s a whole table for deleted questions?

Created date defaults to the current timestamp

Last updated date defaults to the current timestamp, and on update defaults to the current time stamp

Hint defaults to null

Question id should auto increment

# Answer Table

Question and answer ID should be unsigned

Correct\_flag defaults to Null

Times chosen defaults to 0

Created date defaults to the current timestamp

Last updated date defaults to the current timestamp, and on update defaults to the current time stamp

Answer ID should auto increment

# Used Question Log Table

Nothing of note

# Flagged Questions Table

Flagged question id and question id should be unsigned

Problem text should be text not int

Created date defaults to current timestamp

Flagged question id should auto increment

# Distractors Table

Distractor ID should auto increment

# Question Images Table

Nothing of note

# Question levels Table

Nothing of note

# Votes Table

Question ID is unsigned

Created date defaults to current timestamp

Updated date defaults to current timestamp and on update defaults to current timestamp

Value defaults to 0

# Question Review History Table

Review id and question id are unsigned

Review date defaults to current timestamp

Review outcome defaults to null

Review id should auto increment

# Quiz Answerlog Table

Answerlog is typo’ed as anwerlog

# Answerlog Table

Answer\_log id, question id, and answer id are unsigned

Attempt number is unsigned and defaults to 1

Correct flag defaults to null

Score is unsigned and defaults to 100

Created date defaults to current timestamp

Answer log Id should auto-increment

Shouldn’t this be merged with the previous table?