CREATE TABLE IF NOT EXISTS "user"

("id" integer NOT NULL PRIMARY KEY AUTOINCREMENT,

"email" varchar(255) NOT NULL UNIQUE,

"username" varchar(255) NOT NULL UNIQUE,

"password" varchar(255) NOT NULL);

CREATE TABLE IF NOT EXISTS "author" ("users\_ptr\_id" bigint NOT NULL PRIMARY KEY REFERENCES "user" ("id") DEFERRABLE INITIALLY DEFERRED, "name" varchar(255) NOT NULL, "status" varchar(1) NOT NULL);

CREATE TABLE IF NOT EXISTS "conference\_chair" ("users\_ptr\_id" bigint NOT NULL PRIMARY KEY REFERENCES "user" ("id") DEFERRABLE INITIALLY DEFERRED, "name" varchar(255) NOT NULL, "status" varchar(1) NOT NULL);

CREATE TABLE IF NOT EXISTS "reviewer" ("users\_ptr\_id" bigint NOT NULL PRIMARY KEY REFERENCES "user" ("id") DEFERRABLE INITIALLY DEFERRED, "maxPaper" integer NOT NULL, "name" varchar(255) NOT NULL, "status" varchar(1) NOT NULL);

CREATE TABLE IF NOT EXISTS "system\_admin" ("users\_ptr\_id" bigint NOT NULL PRIMARY KEY REFERENCES "user" ("id") DEFERRABLE INITIALLY DEFERRED, "status" varchar(1) NOT NULL);

CREATE TABLE IF NOT EXISTS "review"

("id" integer NOT NULL PRIMARY KEY AUTOINCREMENT,

"rating" integer NOT NULL,

"title" varchar(255) NOT NULL,

"description" text NOT NULL,

"paper\_id" bigint NOT NULL REFERENCES

"paper" ("id") DEFERRABLE INITIALLY DEFERRED,

"reviewer\_id" bigint NOT NULL REFERENCES

"reviewer" ("users\_ptr\_id") DEFERRABLE INITIALLY DEFERRED);

CREATE TABLE IF NOT EXISTS "paper"

("id" integer NOT NULL PRIMARY KEY AUTOINCREMENT,

"topic" varchar(255) NOT NULL,

"description" varchar(255) NOT NULL,

"submitted\_date" datetime NOT NULL,

"fileName" varchar(255) NOT NULL,

"saved\_file" varchar(100) NOT NULL,

"uploaded\_by" varchar(255) NOT NULL,

"status" varchar(255) NOT NULL);

CREATE TABLE IF NOT EXISTS "paper\_authors"

("id" integer NOT NULL PRIMARY KEY AUTOINCREMENT,

"paper\_id" bigint NOT NULL REFERENCES

"paper" ("id") DEFERRABLE INITIALLY DEFERRED,

"author\_id" bigint NOT NULL REFERENCES

"author" ("users\_ptr\_id") DEFERRABLE INITIALLY DEFERRED);

CREATE TABLE IF NOT EXISTS "bidded\_paper"

("id" integer NOT NULL PRIMARY KEY AUTOINCREMENT,

"bid\_date" datetime NOT NULL,

"submission\_date" datetime NULL,

"status" varchar(255) NOT NULL,

"paper\_id" bigint NOT NULL REFERENCES

"paper" ("id") DEFERRABLE INITIALLY DEFERRED,

"reviewer\_id" bigint NOT NULL REFERENCES

"reviewer" ("users\_ptr\_id") DEFERRABLE INITIALLY DEFERRED);

CREATE TABLE IF NOT EXISTS "review\_rating"

("id" integer NOT NULL PRIMARY KEY AUTOINCREMENT,

"rating" integer NOT NULL,

"author\_id" bigint NOT NULL REFERENCES

"author" ("users\_ptr\_id") DEFERRABLE INITIALLY DEFERRED,

"paper\_id" bigint NOT NULL REFERENCES

"paper" ("id") DEFERRABLE INITIALLY DEFERRED,

"reviewer\_id" bigint NOT NULL REFERENCES

"reviewer" ("users\_ptr\_id") DEFERRABLE INITIALLY DEFERRED,

"review\_id" bigint NOT NULL REFERENCES

"review" ("id") DEFERRABLE INITIALLY DEFERRED);

CREATE TABLE IF NOT EXISTS "comment" ("id" integer NOT NULL PRIMARY KEY AUTOINCREMENT, "commenter" varchar(255) NOT NULL, "rating" integer NOT NULL, "description" text NOT NULL, "review\_id" bigint NOT NULL REFERENCES "review" ("id") DEFERRABLE INITIALLY DEFERRED, "sent\_date" datetime NOT NULL);