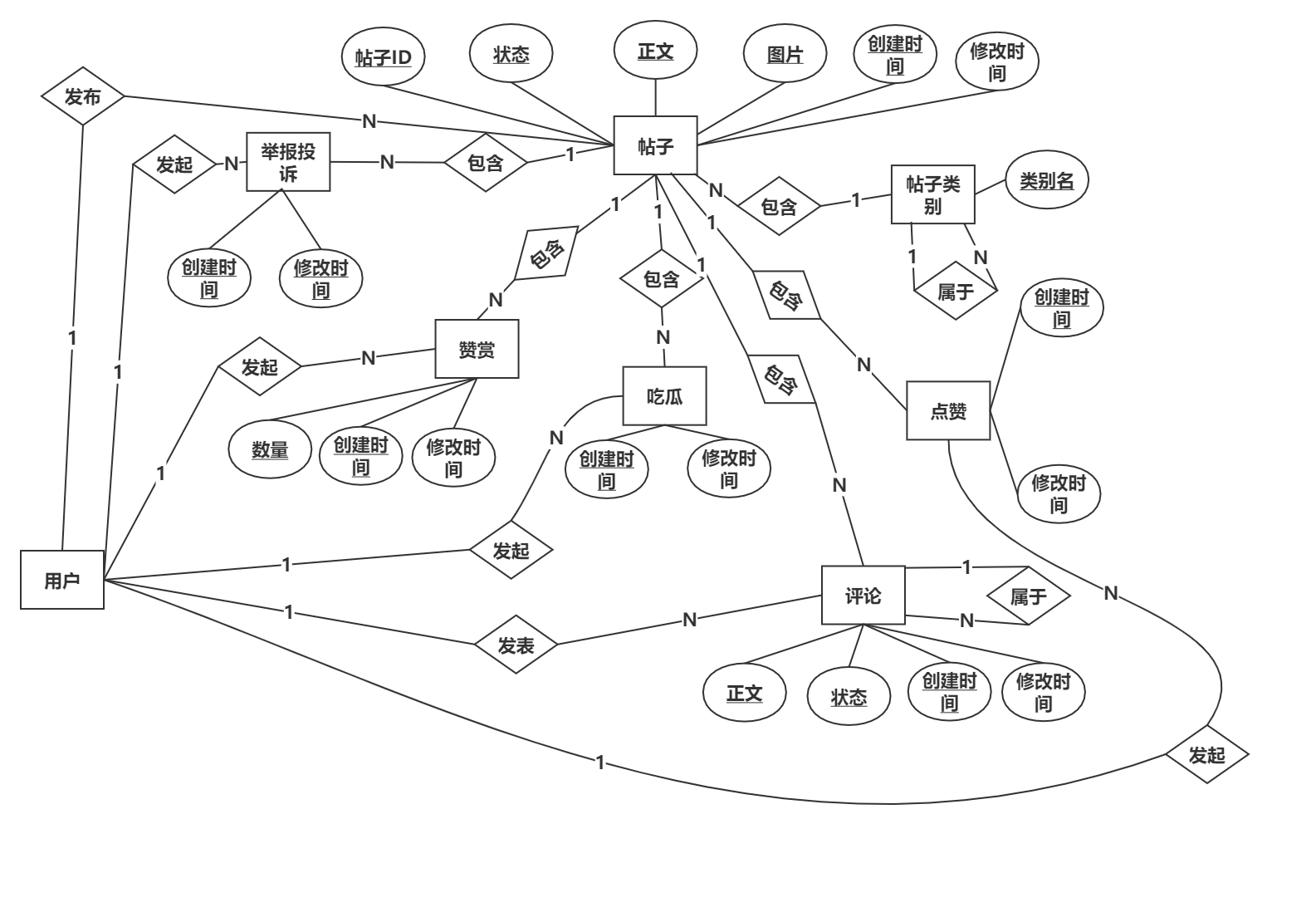
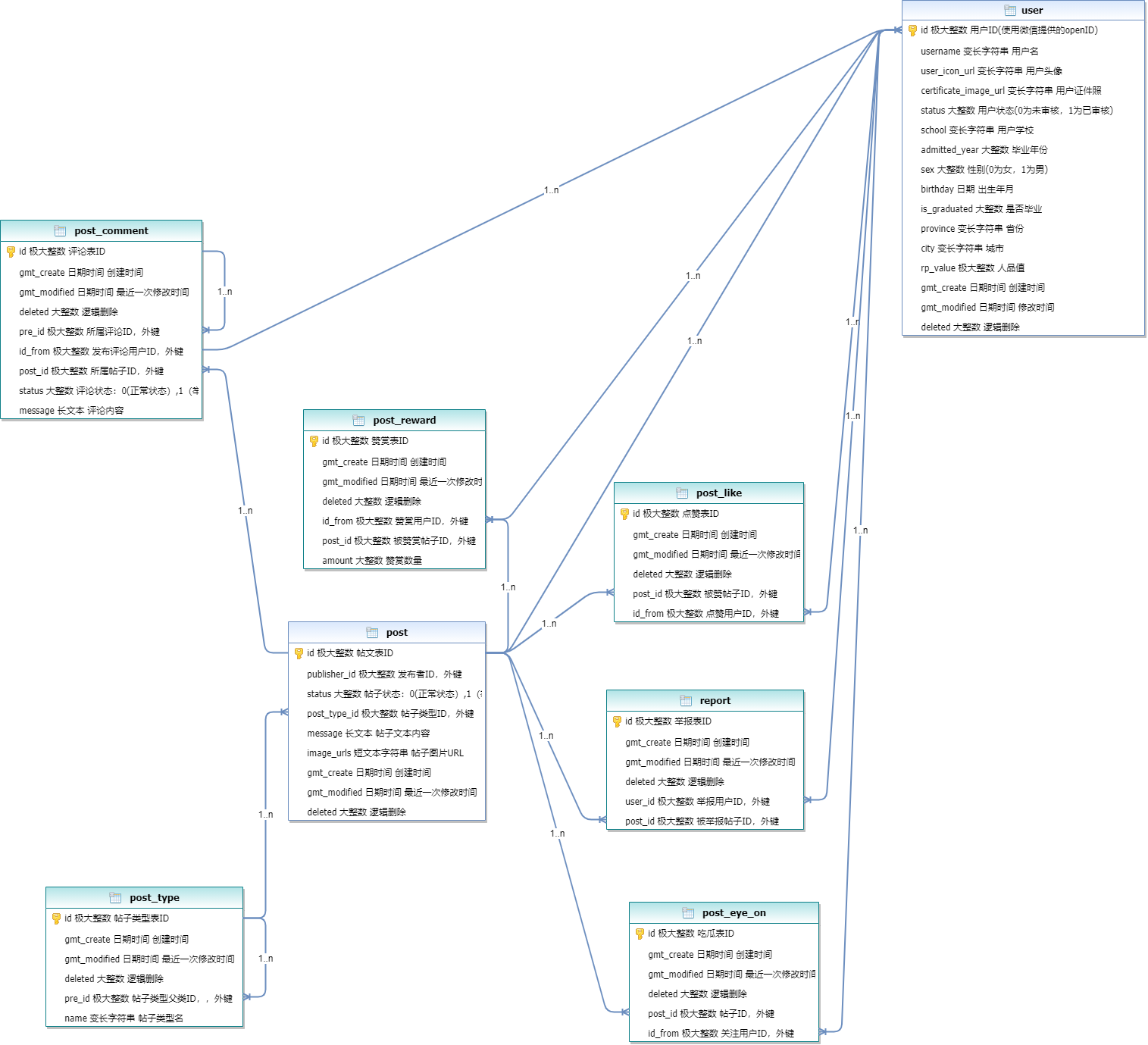
#### 帖文（post）部分ER图



#### 帖文（post）部分数据库逻辑结构设计图



#### 帖文表Post



#### 帖文评论表Post\_comment



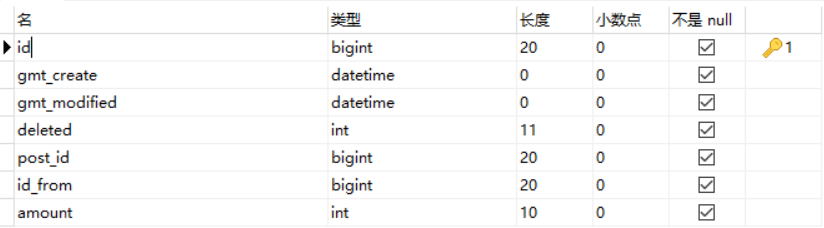
#### 帖文吃瓜表Post\_eye\_on



#### 帖文点赞表Post\_like



#### 帖文赞赏表Post\_reward



#### 帖文类型表Post\_type



#### 举报表



#### 建表语句

##### 1帖文表

DROP TABLE IF EXISTS `post`;

CREATE TABLE `post` (

`id` bigint(0) NOT NULL AUTO\_INCREMENT COMMENT '帖文ID',

`publisher\_id` bigint(0) NULL DEFAULT NULL COMMENT '发布者ID，外键',

`status` int(0) NOT NULL COMMENT '帖子状态：0(正常状态）,1（举报过多被挂起），2（已被删除）',

`post\_type\_id` bigint(0) NOT NULL COMMENT '帖子类型ID，外键',

`message` text CHARACTER SET utf8mb4 COLLATE utf8mb4\_unicode\_ci NOT NULL COMMENT '帖子文本内容',

`image\_urls` tinytext CHARACTER SET utf8mb4 COLLATE utf8mb4\_unicode\_ci NOT NULL COMMENT '帖子图片URL',

`gmt\_create` datetime(0) NOT NULL DEFAULT CURRENT\_TIMESTAMP(0) COMMENT '创建时间',

`gmt\_modified` datetime(0) NOT NULL DEFAULT CURRENT\_TIMESTAMP(0) COMMENT '最近一次修改时间',

`deleted` int(0) NOT NULL DEFAULT 0 COMMENT '逻辑删除',

PRIMARY KEY (`id`) USING BTREE,

INDEX `post\_publisher\_id\_fk0`(`publisher\_id`) USING BTREE,

INDEX `post\_post\_type\_id\_fk0`(`post\_type\_id`) USING BTREE,

CONSTRAINT `post\_post\_type\_id\_fk0` FOREIGN KEY (`post\_type\_id`) REFERENCES `post\_type` (`id`) ON DELETE RESTRICT ON UPDATE RESTRICT,

CONSTRAINT `post\_publisher\_id\_fk0` FOREIGN KEY (`publisher\_id`) REFERENCES `user` (`id`) ON DELETE RESTRICT ON UPDATE RESTRICT

) ENGINE = InnoDB AUTO\_INCREMENT = 1 CHARACTER SET = utf8mb4 COLLATE = utf8mb4\_unicode\_ci ROW\_FORMAT = Dynamic;

##### 2帖文评论表

DROP TABLE IF EXISTS `post\_comment`;

CREATE TABLE `post\_comment` (

`id` bigint(0) NOT NULL AUTO\_INCREMENT COMMENT 'ID',

`gmt\_create` datetime(0) NOT NULL DEFAULT CURRENT\_TIMESTAMP(0) COMMENT '创建时间',

`gmt\_modified` datetime(0) NOT NULL DEFAULT CURRENT\_TIMESTAMP(0) COMMENT '最近一次修改时间',

`deleted` int(0) NOT NULL DEFAULT 0 COMMENT '逻辑删除',

`pre\_id` bigint(0) NOT NULL COMMENT '所属评论ID，外键',

`post\_id` bigint(0) NOT NULL COMMENT '所属帖子ID，外键',

`id\_from` bigint(0) NOT NULL COMMENT '发布评论用户ID，外键',

`status` int(0) UNSIGNED NOT NULL COMMENT '评论状态：0(正常状态）,1（举报过多被挂起），2（已被删除）',

`message` text CHARACTER SET utf8mb4 COLLATE utf8mb4\_unicode\_ci NOT NULL COMMENT '评论正文',

PRIMARY KEY (`id`) USING BTREE,

INDEX `post\_comment\_pre\_id\_fk0`(`pre\_id`) USING BTREE,

INDEX `post\_comment\_post\_id\_fk0`(`post\_id`) USING BTREE,

INDEX `post\_comment\_id\_from\_fk0`(`id\_from`) USING BTREE,

CONSTRAINT `post\_comment\_id\_from\_fk0` FOREIGN KEY (`id\_from`) REFERENCES `user` (`id`) ON DELETE RESTRICT ON UPDATE RESTRICT,

CONSTRAINT `post\_comment\_post\_id\_fk0` FOREIGN KEY (`post\_id`) REFERENCES `post` (`id`) ON DELETE RESTRICT ON UPDATE RESTRICT,

CONSTRAINT `post\_comment\_pre\_id\_fk0` FOREIGN KEY (`pre\_id`) REFERENCES `post\_comment` (`id`) ON DELETE RESTRICT ON UPDATE RESTRICT

) ENGINE = InnoDB AUTO\_INCREMENT = 1 CHARACTER SET = utf8mb4 COLLATE = utf8mb4\_unicode\_ci ROW\_FORMAT = Dynamic;

##### 3帖文吃瓜表

DROP TABLE IF EXISTS `post\_eye\_on`;

CREATE TABLE `post\_eye\_on` (

`id` bigint(0) NOT NULL AUTO\_INCREMENT COMMENT 'ID',

`gmt\_create` datetime(0) NOT NULL DEFAULT CURRENT\_TIMESTAMP(0) COMMENT '创建时间',

`gmt\_modified` datetime(0) NOT NULL DEFAULT CURRENT\_TIMESTAMP(0) COMMENT '最近一次修改时间',

`deleted` int(0) NOT NULL DEFAULT 0 COMMENT '逻辑删除',

`post\_id` bigint(0) NOT NULL COMMENT '帖子ID，外键',

`id\_from` bigint(0) NOT NULL COMMENT '关注用户ID，外键',

PRIMARY KEY (`id`) USING BTREE,

INDEX `post\_eye\_on\_post\_id\_fk0`(`post\_id`) USING BTREE,

INDEX `post\_eye\_on\_id\_from\_fk0`(`id\_from`) USING BTREE,

CONSTRAINT `post\_eye\_on\_id\_from\_fk0` FOREIGN KEY (`id\_from`) REFERENCES `user` (`id`) ON DELETE RESTRICT ON UPDATE RESTRICT,

CONSTRAINT `post\_eye\_on\_post\_id\_fk0` FOREIGN KEY (`post\_id`) REFERENCES `post` (`id`) ON DELETE RESTRICT ON UPDATE RESTRICT

) ENGINE = InnoDB AUTO\_INCREMENT = 1 CHARACTER SET = utf8mb4 COLLATE = utf8mb4\_unicode\_ci ROW\_FORMAT = Dynamic;

##### 4帖文点赞表

DROP TABLE IF EXISTS `post\_like`;

CREATE TABLE `post\_like` (

`id` bigint(0) NOT NULL AUTO\_INCREMENT COMMENT 'ID',

`gmt\_create` datetime(0) NOT NULL DEFAULT CURRENT\_TIMESTAMP(0) COMMENT '创建时间',

`gmt\_modified` datetime(0) NOT NULL DEFAULT CURRENT\_TIMESTAMP(0) COMMENT '最近一次修改时间',

`deleted` int(0) NOT NULL DEFAULT 0 COMMENT '逻辑删除',

`post\_id` bigint(0) NOT NULL COMMENT '被赞帖子ID，外键',

`id\_from` bigint(0) NOT NULL COMMENT '点赞用户ID，外键',

PRIMARY KEY (`id`) USING BTREE,

INDEX `post\_like\_post\_id\_fk0`(`post\_id`) USING BTREE,

INDEX `post\_like\_id\_from\_fk0`(`id\_from`) USING BTREE,

CONSTRAINT `post\_like\_id\_from\_fk0` FOREIGN KEY (`id\_from`) REFERENCES `user` (`id`) ON DELETE RESTRICT ON UPDATE RESTRICT,

CONSTRAINT `post\_like\_post\_id\_fk0` FOREIGN KEY (`post\_id`) REFERENCES `post` (`id`) ON DELETE RESTRICT ON UPDATE RESTRICT

) ENGINE = InnoDB AUTO\_INCREMENT = 1 CHARACTER SET = utf8mb4 COLLATE = utf8mb4\_unicode\_ci ROW\_FORMAT = Dynamic;

##### 5帖文赞赏表

DROP TABLE IF EXISTS `post\_reward`;

CREATE TABLE `post\_reward` (

`id` bigint(0) NOT NULL AUTO\_INCREMENT COMMENT 'ID',

`gmt\_create` datetime(0) NOT NULL DEFAULT CURRENT\_TIMESTAMP(0) COMMENT '创建时间',

`gmt\_modified` datetime(0) NOT NULL DEFAULT CURRENT\_TIMESTAMP(0) COMMENT '最近一次修改时间',

`deleted` int(0) NOT NULL DEFAULT 0 COMMENT '逻辑删除',

`post\_id` bigint(0) NOT NULL COMMENT '被赞赏帖子ID，外键',

`id\_from` bigint(0) NOT NULL COMMENT '赞赏用户ID，外键',

`amount` int(0) UNSIGNED NOT NULL COMMENT '赞赏数量',

PRIMARY KEY (`id`) USING BTREE,

INDEX `post\_reward\_post\_id\_fk0`(`post\_id`) USING BTREE,

CONSTRAINT `post\_reward\_post\_id\_fk0` FOREIGN KEY (`post\_id`) REFERENCES `post` (`id`) ON DELETE RESTRICT ON UPDATE RESTRICT

) ENGINE = InnoDB AUTO\_INCREMENT = 1 CHARACTER SET = utf8mb4 COLLATE = utf8mb4\_unicode\_ci ROW\_FORMAT = Dynamic;

##### 6帖文类型表

DROP TABLE IF EXISTS `post\_type`;

CREATE TABLE `post\_type` (

`id` bigint(0) NOT NULL AUTO\_INCREMENT COMMENT 'ID',

`gmt\_create` datetime(0) NOT NULL DEFAULT CURRENT\_TIMESTAMP(0) COMMENT '创建时间',

`gmt\_modified` datetime(0) NOT NULL DEFAULT CURRENT\_TIMESTAMP(0) COMMENT '最近一次修改时间',

`deleted` int(0) NOT NULL DEFAULT 0 COMMENT '逻辑删除',

`pre\_id` bigint(0) NOT NULL COMMENT '帖子类型父类ID，外键',

`name` varchar(255) CHARACTER SET utf8mb4 COLLATE utf8mb4\_unicode\_ci NOT NULL COMMENT '帖子类型名',

PRIMARY KEY (`id`) USING BTREE,

INDEX `post\_type\_pre\_id\_fk0`(`pre\_id`) USING BTREE,

CONSTRAINT `post\_type\_pre\_id\_fk0` FOREIGN KEY (`pre\_id`) REFERENCES `post\_type` (`id`) ON DELETE RESTRICT ON UPDATE RESTRICT

) ENGINE = InnoDB AUTO\_INCREMENT = 1 CHARACTER SET = utf8mb4 COLLATE = utf8mb4\_unicode\_ci ROW\_FORMAT = Dynamic;

##### 7举报表

DROP TABLE IF EXISTS `report`;

CREATE TABLE `report` (

`id` bigint(0) NOT NULL AUTO\_INCREMENT COMMENT 'ID',

`gmt\_create` datetime(0) NOT NULL DEFAULT CURRENT\_TIMESTAMP(0) COMMENT '创建时间',

`gmt\_modified` datetime(0) NOT NULL DEFAULT CURRENT\_TIMESTAMP(0) COMMENT '最近一次修改时间',

`deleted` int(0) NOT NULL DEFAULT 0 COMMENT '逻辑删除',

`user\_id` bigint(0) NOT NULL COMMENT '举报用户ID，外键',

`post\_id` bigint(0) NOT NULL COMMENT '被举报帖子ID，外键',

PRIMARY KEY (`id`) USING BTREE,

INDEX `report\_user\_id\_fk0`(`user\_id`) USING BTREE,

INDEX `report\_post\_id\_fk0`(`post\_id`) USING BTREE,

CONSTRAINT `report\_post\_id\_fk0` FOREIGN KEY (`post\_id`) REFERENCES `post` (`id`) ON DELETE RESTRICT ON UPDATE RESTRICT,

CONSTRAINT `report\_user\_id\_fk0` FOREIGN KEY (`user\_id`) REFERENCES `user` (`id`) ON DELETE RESTRICT ON UPDATE RESTRICT

) ENGINE = InnoDB AUTO\_INCREMENT = 1 CHARACTER SET = utf8mb4 COLLATE = utf8mb4\_unicode\_ci ROW\_FORMAT = Dynamic;