

1. Настройка прав доступа

Название таблицы	Пользователь	Администратор
anime_seasons	R	CRUD
animes	R	CRUD
content_series	R	CRUD
content_series_seasons	R	CRUD
cartoons	R	CRUD
content	R	CRUD
content_genres	R	CRUD
content_procent_types	R	CRUD
content_subtitles	R	CRUD
content_types	R	CRUD
content_voice_acting	R	CRUD
copyrigth_holders	R	CRUD
histories	R	CRUD
languages	R	CRUD
content_movies	R	CRUD
profile_types	R	CRUD
profiles	CRUD	CRUD
ratings	RU	CRUD
resolutions	R	CRUD
series	R	CRUD
series_seasons	R	CRUD
content_url	R	CRUD
user_card_payment_systems	R	CRUD
user_cards	CRUD	CRUD
user_comments	CRUD	CRUD
user_subscription_prices	R	CRUD
user_subscription_types	R	CRUD
user	CRUD	CRUD
users_m2m_user_cards	CRUD	CRUD

```
DROP USER IF EXISTS 'user'@'localhost';
CREATE USER 'user'@'localhost' IDENTIFIED BY 'user_password';
GRANT READ ON 'anime_seasons' TO 'user'@'localhost';
GRANT READ ON 'animes' TO 'user'@'localhost';
GRANT READ ON 'content_series' TO 'user'@'localhost';
GRANT READ ON 'content_series_seasons' TO 'user'@'localhost';
GRANT READ ON 'cartoons' TO 'user'@'localhost';
GRANT READ ON 'content' TO 'user'@'localhost';
GRANT READ ON 'content_genres' TO 'user'@'localhost';
GRANT READ ON 'content_m2m_content_genres' TO 'user'@'localhost';
GRANT READ ON 'content_m2m_resolutions' TO 'user'@'localhost';
GRANT READ ON 'content_procent_types' TO 'user'@'localhost';
GRANT READ ON 'content_subtitles' TO 'user'@'localhost';
GRANT READ ON 'content_types' TO 'user'@'localhost';
```

```

GRANT READ ON 'content_voice_acting' TO 'user'@'localhost';
GRANT READ ON 'copyrightholders' TO 'user'@'localhost';
GRANT READ ON 'histories' TO 'user'@'localhost';
GRANT READ ON 'languages' TO 'user'@'localhost';
GRANT READ ON 'content_movies' TO 'user'@'localhost';
GRANT READ ON 'profile_types' TO 'user'@'localhost';
GRANT READ ON 'profile_types_m2m_contents' TO 'user'@'localhost';
GRANT READ ON 'profile_types_m2m_contents_user_subscription_types' TO 'user'@'localhost';
GRANT CREATE,READ, UPDATE, DELETE ON 'profiles' TO 'user'@'localhost';
GRANT READ, UPDATE ON 'ratings' TO 'user'@'localhost';
GRANT READ ON 'resolutions' TO 'user'@'localhost';
GRANT READ ON 'series' TO 'user'@'localhost';
GRANT READ ON 'series_seasons' TO 'user'@'localhost';
GRANT READ ON 'content_url' TO 'user'@'localhost';
GRANT READ ON 'user_card_payment_systems' TO 'user'@'localhost';
GRANT CREATE,READ,UPDATE,DELETE ON 'user_cards' TO 'user'@'localhost';
GRANT CREATE,READ,UPDATE,DELETE ON 'user_comments' TO 'user'@'localhost';
GRANT READ ON 'user_subscription_prices' TO 'user'@'localhost';
GRANT READ ON 'user_subscription_types' TO 'user'@'localhost';
GRANT READ ON 'user_subscription_types_m2m_resolutions' TO 'user'@'localhost';
GRANT CREATE,READ,UPDATE,DELETE ON 'user' TO 'user'@'localhost';
GRANT CREATE,READ,UPDATE,DELETE ON 'users_m2m_user_cards' TO 'user'@'localhost';

```

```

DROP USER IF EXISTS 'admin'@'localhost';
CREATE USER 'admin'@'localhost' IDENTIFIED BY 'admin_password';
GRANT CREATE,READ, UPDATE, DELETE ON 'anime_seasons' TO 'admin'@'localhost';
GRANT CREATE,READ, UPDATE, DELETE ON 'animes' TO 'admin'@'localhost';
GRANT CREATE,READ, UPDATE, DELETE ON 'content_series' TO 'admin'@'localhost';
GRANT CREATE,READ, UPDATE, DELETE ON 'content_series_seasons' TO 'admin'@'localhost';
GRANT CREATE,READ, UPDATE, DELETE ON 'cartoons' TO 'admin'@'localhost';
GRANT CREATE,READ, UPDATE, DELETE ON 'content' TO 'admin'@'localhost';
GRANT CREATE,READ, UPDATE, DELETE ON 'content_genres' TO 'admin'@'localhost';
GRANT CREATE,READ, UPDATE, DELETE ON 'content_m2m_content_genres' TO 'admin'@'localhost';
GRANT CREATE,READ, UPDATE, DELETE ON 'content_m2m_resolutions' TO 'admin'@'localhost';
GRANT CREATE,READ, UPDATE, DELETE ON 'content_procent_types' TO 'admin'@'localhost';
GRANT CREATE,READ, UPDATE, DELETE ON 'content_subtitles' TO 'admin'@'localhost';
GRANT CREATE,READ, UPDATE, DELETE ON 'content_types' TO 'admin'@'localhost';
GRANT CREATE,READ, UPDATE, DELETE ON 'content_voice_acting' TO 'admin'@'localhost';
GRANT CREATE,READ, UPDATE, DELETE ON 'copyrightholders' TO 'admin'@'localhost';
GRANT CREATE,READ, UPDATE, DELETE ON 'histories' TO 'admin'@'localhost';
GRANT CREATE,READ, UPDATE, DELETE ON 'languages' TO 'admin'@'localhost';
GRANT CREATE,READ, UPDATE, DELETE, READ, UPDATE, DELETE ON 'content_movies' TO
'admin'@'localhost';
GRANT CREATE,READ, UPDATE, DELETE ON 'profile_types' TO 'admin'@'localhost';
GRANT CREATE,READ, UPDATE, DELETE ON 'profile_types_m2m_contents' TO 'admin'@'localhost';
GRANT CREATE,READ, UPDATE, DELETE ON 'profile_types_m2m_contents_user_subscription_types' TO
'admin'@'localhost';
GRANT CREATE,READ, UPDATE, DELETE ON 'profiles' TO 'admin'@'localhost';
GRANT CREATE,READ, UPDATE, DELETE ON 'ratings' TO 'admin'@'localhost';
GRANT CREATE,READ, UPDATE, DELETE ON 'resolutions' TO 'admin'@'localhost';
GRANT CREATE,READ, UPDATE, DELETE ON 'series' TO 'admin'@'localhost';
GRANT CREATE,READ, UPDATE, DELETE ON 'series_seasons' TO 'admin'@'localhost';
GRANT CREATE,READ, UPDATE, DELETE ON 'content_url' TO 'admin'@'localhost';
GRANT CREATE,READ, UPDATE, DELETE ON 'user_card_payment_systems' TO 'admin'@'localhost';
GRANT CREATE,READ,UPDATE,DELETE ON 'user_cards' TO 'admin'@'localhost';
GRANT CREATE,READ,UPDATE,DELETE ON 'user_comments' TO 'admin'@'localhost';
GRANT CREATE,READ, UPDATE, DELETE ON 'user_subscription_prices' TO 'admin'@'localhost';
GRANT CREATE,READ, UPDATE, DELETE ON 'user_subscription_types' TO 'admin'@'localhost';
GRANT CREATE,READ, UPDATE, DELETE ON 'user_subscription_types_m2m_resolutions' TO

```

```
'admin'@'localhost';  
GRANT CREATE,READ,UPDATE,DELETE ON 'user' TO 'admin'@'localhost';  
GRANT CREATE,READ,UPDATE,DELETE ON 'users_m2m_user_cards' TO 'admin'@'localhost';
```

2. Настройка кодировок

```
ALTER TABLE anime_seasons CONVERT TO CHARACTER SET 'utf8' COLLATE 'utf8_unicode_ci';  
ALTER TABLE animes CONVERT TO CHARACTER SET 'utf8' COLLATE 'utf8_unicode_ci';  
ALTER TABLE content_series CONVERT TO CHARACTER SET 'utf8' COLLATE 'utf8_unicode_ci';  
ALTER TABLE content_series_seasons CONVERT TO CHARACTER SET 'utf8' COLLATE  
'utf8_unicode_ci';  
ALTER TABLE cartoons CONVERT TO CHARACTER SET 'utf8' COLLATE 'utf8_unicode_ci';  
ALTER TABLE content CONVERT TO CHARACTER SET 'utf8' COLLATE 'utf8_unicode_ci';  
ALTER TABLE content_genres CONVERT TO CHARACTER SET 'utf8' COLLATE 'utf8_unicode_ci';  
ALTER TABLE content_m2m_content_genres CONVERT TO CHARACTER SET 'utf8' COLLATE  
'utf8_unicode_ci';  
ALTER TABLE content_m2m_resolutions CONVERT TO CHARACTER SET 'utf8' COLLATE  
'utf8_unicode_ci';  
ALTER TABLE content_procent_types CONVERT TO CHARACTER SET 'utf8' COLLATE  
'utf8_unicode_ci';  
ALTER TABLE content_subtitles CONVERT TO CHARACTER SET 'utf8' COLLATE 'utf8_unicode_ci';  
ALTER TABLE content_types CONVERT TO CHARACTER SET 'utf8' COLLATE 'utf8_unicode_ci';  
ALTER TABLE content_voice_acting CONVERT TO CHARACTER SET 'utf8' COLLATE 'utf8_unicode_ci';  
ALTER TABLE copyrightholders CONVERT TO CHARACTER SET 'utf8' COLLATE 'utf8_unicode_ci';  
ALTER TABLE histories CONVERT TO CHARACTER SET 'utf8' COLLATE 'utf8_unicode_ci';  
ALTER TABLE languages CONVERT TO CHARACTER SET 'utf8' COLLATE 'utf8_unicode_ci';  
ALTER TABLE content_movies CONVERT TO CHARACTER SET 'utf8' COLLATE 'utf8_unicode_ci';  
ALTER TABLE profile_types CONVERT TO CHARACTER SET 'utf8' COLLATE 'utf8_unicode_ci';  
ALTER TABLE profile_types_m2m_contents CONVERT TO CHARACTER SET 'utf8' COLLATE  
'utf8_unicode_ci';  
ALTER TABLE profile_types_m2m_contents_user_subscription_types CONVERT TO CHARACTER SET  
'utf8' COLLATE 'utf8_unicode_ci';  
ALTER TABLE profiles CONVERT TO CHARACTER SET 'utf8' COLLATE 'utf8_unicode_ci';  
ALTER TABLE ratings CONVERT TO CHARACTER SET 'utf8' COLLATE 'utf8_unicode_ci';  
ALTER TABLE resolutions CONVERT TO CHARACTER SET 'utf8' COLLATE 'utf8_unicode_ci';  
ALTER TABLE series CONVERT TO CHARACTER SET 'utf8' COLLATE 'utf8_unicode_ci';  
ALTER TABLE series_seasons CONVERT TO CHARACTER SET 'utf8' COLLATE 'utf8_unicode_ci';  
ALTER TABLE content_url CONVERT TO CHARACTER SET 'utf8' COLLATE 'utf8_unicode_ci';  
ALTER TABLE user_card_payment_systems CONVERT TO CHARACTER SET 'utf8' COLLATE  
'utf8_unicode_ci';  
ALTER TABLE user_cards CONVERT TO CHARACTER SET 'utf8' COLLATE 'utf8_unicode_ci';  
ALTER TABLE user_comments CONVERT TO CHARACTER SET 'utf8' COLLATE 'utf8_unicode_ci';  
ALTER TABLE user_subscription_prices CONVERT TO CHARACTER SET 'utf8' COLLATE  
'utf8_unicode_ci';  
ALTER TABLE user_subscription_types CONVERT TO CHARACTER SET 'utf8' COLLATE  
'utf8_unicode_ci';  
ALTER TABLE user_subscription_types_m2m_resolutions CONVERT TO CHARACTER SET 'utf8'  
COLLATE 'utf8_unicode_ci';  
ALTER TABLE user CONVERT TO CHARACTER SET 'utf8' COLLATE 'utf8_unicode_ci';  
ALTER TABLE users_m2m_user_cards CONVERT TO CHARACTER SET 'utf8' COLLATE  
'utf8_unicode_ci';
```

3. Настройка методов доступа

```
ALTER TABLE anime_seasons ENGINE = InnoDB;  
ALTER TABLE animes ENGINE = InnoDB;  
ALTER TABLE content_series ENGINE = InnoDB;  
ALTER TABLE content_series_seasons ENGINE = InnoDB;
```

```

ALTER TABLE cartoons ENGINE = InnoDB;
ALTER TABLE content ENGINE = InnoDB;
ALTER TABLE content_genres ENGINE = InnoDB;
ALTER TABLE content_m2m_content_genres ENGINE = InnoDB;
ALTER TABLE content_m2m_resolutions ENGINE = InnoDB;
ALTER TABLE content_procent_types ENGINE = InnoDB;
ALTER TABLE content_subtitles ENGINE = InnoDB;
ALTER TABLE content_types ENGINE = InnoDB;
ALTER TABLE content_voice_acting ENGINE = InnoDB;
ALTER TABLE copyrightholders ENGINE = InnoDB;
ALTER TABLE histories ENGINE = InnoDB;
ALTER TABLE languages ENGINE = InnoDB;
ALTER TABLE content_movies ENGINE = InnoDB;
ALTER TABLE profile_types ENGINE = InnoDB;
ALTER TABLE profile_types_m2m_contents ENGINE = InnoDB;
ALTER TABLE profile_types_m2m_contents_user_subscription_types ENGINE = InnoDB;
ALTER TABLE profiles ENGINE = InnoDB;
ALTER TABLE ratings ENGINE = InnoDB;
ALTER TABLE resolutions ENGINE = InnoDB;
ALTER TABLE series ENGINE = InnoDB;
ALTER TABLE series_seasons ENGINE = InnoDB;
ALTER TABLE content_url ENGINE = InnoDB;
ALTER TABLE user_card_payment_systems ENGINE = InnoDB;
ALTER TABLE user_cards ENGINE = InnoDB;
ALTER TABLE user_comments ENGINE = InnoDB;
ALTER TABLE user_subscription_prices ENGINE = InnoDB;
ALTER TABLE user_subscription_types ENGINE = InnoDB;
ALTER TABLE user_subscription_types_m2m_resolutions ENGINE = InnoDB;
ALTER TABLE user ENGINE = InnoDB;
ALTER TABLE users_m2m_user_cards ENGINE = InnoDB;

```

4. Добавление необходимых индексов

```

ALTER TABLE `anime_seasons`
ADD INDEX `IXFK_anime_seasons_animes` (`a_id` ASC);

```

```

ALTER TABLE `content`
ADD INDEX `IXFK_content_content_types` (`ct_id` ASC);

```

```

ALTER TABLE `content`
ADD INDEX `IXFK_content_copyrightholders` (`ch_id` ASC);

```

```

ALTER TABLE `content`
ADD INDEX `IDX_content_release_date` (`c_release_date` ASC);

```

```

ALTER TABLE `content`
ADD INDEX `IDX_content_name_content_type_id` (`ct_id` ASC, `c_name` ASC);

```

```

ALTER TABLE `content_m2m_content_genres`
ADD INDEX `IXFK_content_m2m_content_genres_content` (`c_id` ASC, `ct_id` ASC);

```

```

ALTER TABLE `content_m2m_content_genres`
ADD INDEX `IXFK_content_m2m_content_genres_content_genres` (`cg_id` ASC);

```

```

ALTER TABLE `content_m2m_resolutions`
ADD INDEX `IXFK_content_m2m_resolutions_content` (`c_id` ASC, `ct_id` ASC);

```

```

ALTER TABLE `content_m2m_resolutions`
ADD INDEX `IXFK_content_m2m_resolutions_resolutions` (`r_id` ASC);

ALTER TABLE `content_movies`
ADD INDEX `IXFK_content_movies_content` (`ct_id` ASC, `c_id` ASC);

ALTER TABLE `content_movies`
ADD INDEX `IXFK_movies_content` ();

ALTER TABLE `content_series`
ADD INDEX `IXFK_content_series_content` (`ct_id` ASC, `c_id` ASC);

ALTER TABLE `content_series_seasons`
ADD INDEX `IXFK_content_series_seasons_content_series` (`ct_id` ASC, `c_id` ASC);

ALTER TABLE `content_subtitles`
ADD INDEX `IXFK_content_subtitles_content` (`ct_id` ASC, `c_id` ASC);

ALTER TABLE `content_subtitles`
ADD INDEX `IXFK_content_subtitles_languages` (`l_literal_code` ASC);

ALTER TABLE `content_url`
ADD INDEX `IXFK_content_url_content_series_seasons` (`ct_id` ASC, `c_id` ASC, `css_id` ASC);

ALTER TABLE `content_voice_acting`
ADD INDEX `IXFK_content_voice_acting_content` (`ct_id` ASC, `c_id` ASC);

ALTER TABLE `content_voice_acting`
ADD INDEX `IXFK_content_voice_acting_languages` (`l_literal_code` ASC);

ALTER TABLE `copyrightholders`
ADD INDEX `IXFK_copyrightholders_content_procent_types` (`cpt_id` ASC);

ALTER TABLE `histories`
ADD INDEX `IXFK_histories_content` (`c_id` ASC, `ct_id` ASC);

ALTER TABLE `histories`
ADD INDEX `IXFK_histories_users` (`u_id` ASC);

ALTER TABLE `histories`
ADD INDEX `content_id_histories_watch_point` (`c_id` ASC, `h_watch_point` ASC);

ALTER TABLE `profile_types_m2m_contents`
ADD INDEX `IXFK_profile_types_m2m_contents_content` (`c_id` ASC, `ct_id` ASC);

ALTER TABLE `profile_types_m2m_contents`
ADD INDEX `IXFK_profile_types_m2m_contents_profile_types` (`pt_id` ASC);

ALTER TABLE `profile_types_m2m_contents_user_subscription_types`
ADD INDEX
`IXFK_profile_types_m2m_contents_user_subscription_types_profile_types_m2m_contents`
(`c_id` ASC, `pt_id` ASC, `ct_id` ASC);

ALTER TABLE `profile_types_m2m_contents_user_subscription_types`

```

```

ADD INDEX
`IXFK_profile_types_m2m_contents_user_subscription_types_user_subscription_types` (`ust_id`
ASC);

ALTER TABLE `profiles`
ADD INDEX `IXFK_profiles_profile_types` (`pt_id` ASC);

ALTER TABLE `profiles`
ADD INDEX `IXFK_profiles_users` (`u_id` ASC);

ALTER TABLE `profiles`
ADD INDEX `IDX_users_id_profiles_is_active` (`u_id` ASC, `profiles_is_active` ASC);

ALTER TABLE `ratings`
ADD INDEX `IXFK_ratings_content` (`ct_id` ASC, `r_id` ASC);

ALTER TABLE `ratings`
ADD INDEX `IDX_ratings_value` (`r_value` ASC);

ALTER TABLE `series_seasons`
ADD INDEX `IXFK_series_seasons_series` (`s_id` ASC);

ALTER TABLE `user`
ADD INDEX `IXFK_users_user_sybscription_types` (`ust_id` ASC);

ALTER TABLE `user`
ADD INDEX `IDX_users_email_users_password` (`u_email` ASC, `u_password` ASC);

ALTER TABLE `user`
ADD INDEX `IDX_users_last_payment_date_user_is_auto_paymeny` (`u_last_payment_date`
ASC, `u_is_auto_payment` ASC);

ALTER TABLE `user_cards`
ADD INDEX `IXFK_user_cards_user_card_payment_systems` (`ucps_id` ASC);

ALTER TABLE `user_cards`
ADD INDEX `IDX_user_cards_number_user_cards_cv` (`uc_number` ASC, `uc_cv` ASC);

ALTER TABLE `user_comments`
ADD INDEX `IXFK_user_comments_content` (`c_id` ASC, `ct_id` ASC);

ALTER TABLE `user_comments`
ADD INDEX `IXFK_user_comments_users` (`u_id` ASC);

ALTER TABLE `user_comments`
ADD INDEX `IDX_user_comments_c_id` (`c_id` ASC);

ALTER TABLE `user_comments`
ADD INDEX `IDX_user_comments_u_id` (`u_id` ASC);

ALTER TABLE `user_subscription_types`
ADD INDEX `IXFK_user_sybscription_types_user_subscription_prices` (`usp_id` ASC);

ALTER TABLE `user_subscription_types_m2m_resolutions`
ADD INDEX `IXFK_user_subscription_types_m2m_resolutions_resolutions` (`r_id` ASC);

```

```
ALTER TABLE `user_subscription_types_m2m_resolutions`  
ADD INDEX `IXFK_user_subscription_types_m2m_resolutions_user_subscription_types`  
(`ust_id` ASC);
```

```
ALTER TABLE `users_m2m_user_cards`  
ADD INDEX `IXFK_users_m2m_user_cards_user_cards` (`uc_number` ASC);
```

```
ALTER TABLE `users_m2m_user_cards`  
ADD INDEX `IXFK_users_m2m_user_cards_users` (`u_id` ASC);
```

```
ALTER TABLE `users_m2m_user_cards`  
ADD INDEX `IDX_user_cards_number_users_m2m_user_cards_is_active` (`u_id` ASC,  
`umuc_card_is_active` ASC);
```

/ Create Foreign Key Constraints */*

```
ALTER TABLE `anime_seasons`  
ADD CONSTRAINT `FK_anime_seasons_animes`  
FOREIGN KEY (`a_id`) REFERENCES `animes` (`a_id`) ON DELETE Restrict ON UPDATE  
Restrict;
```

```
ALTER TABLE `content`  
ADD CONSTRAINT `FK_content_content_types`  
FOREIGN KEY (`ct_id`) REFERENCES `content_types` (`ct_id`) ON DELETE No Action ON  
UPDATE Cascade;
```

```
ALTER TABLE `content`  
ADD CONSTRAINT `FK_content_copyright_holders`  
FOREIGN KEY (`ch_id`) REFERENCES `copyright_holders` (`ch_id`) ON DELETE No Action ON  
UPDATE Cascade;
```

```
ALTER TABLE `content_m2m_content_genres`  
ADD CONSTRAINT `FK_content_m2m_content_genres_content`  
FOREIGN KEY (`c_id`, `ct_id`) REFERENCES `content` (`c_id`, `ct_id`) ON DELETE Restrict ON  
UPDATE Cascade;
```

```
ALTER TABLE `content_m2m_content_genres`  
ADD CONSTRAINT `FK_content_m2m_content_genres_content_genres`  
FOREIGN KEY (`cg_id`) REFERENCES `content_genres` (`cg_id`) ON DELETE Cascade ON  
UPDATE Cascade;
```

```
ALTER TABLE `content_m2m_resolutions`  
ADD CONSTRAINT `FK_content_m2m_resolutions_content`  
FOREIGN KEY (`c_id`, `ct_id`) REFERENCES `content` (`c_id`, `ct_id`) ON DELETE Restrict ON  
UPDATE Cascade;
```

```
ALTER TABLE `content_m2m_resolutions`  
ADD CONSTRAINT `FK_content_m2m_resolutions_resolutions`  
FOREIGN KEY (`r_id`) REFERENCES `resolutions` (`r_id`) ON DELETE Cascade ON UPDATE  
Cascade;
```

```
ALTER TABLE `content_movies`  
ADD CONSTRAINT `FK_content_movies_content`
```



```
FOREIGN KEY (`ct_id`, `c_id`) REFERENCES `content` (`c_id`, `ct_id`) ON DELETE Cascade ON UPDATE Cascade;
```

```
ALTER TABLE `content_series_seasons`  
ADD CONSTRAINT `FK_content_series_seasons_content_series`  
FOREIGN KEY (`ct_id`, `c_id`) REFERENCES `content_series` (`ct_id`, `c_id`) ON DELETE No Action ON UPDATE Cascade;
```

```
ALTER TABLE `content_subtitles`  
ADD CONSTRAINT `FK_content_subtitles_content`  
FOREIGN KEY (`ct_id`, `c_id`) REFERENCES `content` (`c_id`, `ct_id`) ON DELETE Restrict ON UPDATE Cascade;
```

```
ALTER TABLE `content_subtitles`  
ADD CONSTRAINT `FK_content_subtitles_languages`  
FOREIGN KEY (`l_literal_code`) REFERENCES `languages` (`l_literal_code`) ON DELETE No Action ON UPDATE Cascade;
```

```
ALTER TABLE `content_url`  
ADD CONSTRAINT `FK_content_url_content_series_seasons`  
FOREIGN KEY (`ct_id`, `c_id`, `css_id`) REFERENCES `content_series_seasons`  
(`ct_id`, `c_id`, `css_id`) ON DELETE Restrict ON UPDATE Cascade;
```

```
ALTER TABLE `content_voice_acting`  
ADD CONSTRAINT `FK_content_voice_acting_content`  
FOREIGN KEY (`ct_id`, `c_id`) REFERENCES `content` (`c_id`, `ct_id`) ON DELETE Restrict ON UPDATE Cascade;
```

```
ALTER TABLE `content_voice_acting`  
ADD CONSTRAINT `FK_content_voice_acting_languages`  
FOREIGN KEY (`l_literal_code`) REFERENCES `languages` (`l_literal_code`) ON DELETE No Action ON UPDATE Cascade;
```

```
ALTER TABLE `copyrightholders`  
ADD CONSTRAINT `FK_copyrightholders_content_procent_types`  
FOREIGN KEY (`cpt_id`) REFERENCES `content_procent_types` (`cpt_id`) ON DELETE No Action ON UPDATE Cascade;
```

```
ALTER TABLE `histories`  
ADD CONSTRAINT `FK_histories_content`  
FOREIGN KEY (`c_id`, `ct_id`) REFERENCES `content` (`c_id`, `ct_id`) ON DELETE Restrict ON UPDATE Cascade;
```

```
ALTER TABLE `histories`  
ADD CONSTRAINT `FK_histories_users`  
FOREIGN KEY (`u_id`) REFERENCES `user` (`u_id`) ON DELETE Restrict ON UPDATE Cascade;
```

```
ALTER TABLE `profile_types_m2m_contents`  
ADD CONSTRAINT `FK_profile_types_m2m_contents_content`  
FOREIGN KEY (`c_id`, `ct_id`) REFERENCES `content` (`c_id`, `ct_id`) ON DELETE Restrict ON UPDATE Cascade;
```

```
ALTER TABLE `profile_types_m2m_contents`  
ADD CONSTRAINT `FK_profile_types_m2m_contents_profile_types`
```



```
FOREIGN KEY (`pt_id`) REFERENCES `profile_types` (`pt_id`) ON DELETE Restrict ON UPDATE Cascade;
```

```
ALTER TABLE `profile_types_m2m_contents_user_subscription_types`  
ADD CONSTRAINT  
`FK_profile_types_m2m_contents_user_subscription_types_profile_types_m2m_contents`  
FOREIGN KEY (`c_id`, `pt_id`, `ct_id`) REFERENCES `profile_types_m2m_contents`  
(`c_id`, `pt_id`, `ct_id`) ON DELETE Restrict ON UPDATE Cascade;
```

```
ALTER TABLE `profile_types_m2m_contents_user_subscription_types`  
ADD CONSTRAINT  
`FK_profile_types_m2m_contents_user_subscription_types_user_subscription_types`  
FOREIGN KEY (`ust_id`) REFERENCES `user_subscription_types` (`ust_id`) ON DELETE  
Restrict ON UPDATE Cascade;
```

```
ALTER TABLE `profiles`  
ADD CONSTRAINT `FK_profiles_profile_types`  
FOREIGN KEY (`pt_id`) REFERENCES `profile_types` (`pt_id`) ON DELETE No Action ON  
UPDATE Cascade;
```

```
ALTER TABLE `profiles`  
ADD CONSTRAINT `FK_profiles_users`  
FOREIGN KEY (`u_id`) REFERENCES `user` (`u_id`) ON DELETE Cascade ON UPDATE Cascade;
```

```
ALTER TABLE `ratings`  
ADD CONSTRAINT `FK_ratings_content`  
FOREIGN KEY (`ct_id`, `r_id`) REFERENCES `content` (`c_id`, `ct_id`) ON DELETE Cascade ON  
UPDATE Cascade;
```

```
ALTER TABLE `series_seasons`  
ADD CONSTRAINT `FK_series_seasons_series`  
FOREIGN KEY (`s_id`) REFERENCES `series` (`s_id`) ON DELETE Restrict ON UPDATE Restrict;
```

```
ALTER TABLE `user`  
ADD CONSTRAINT `FK_users_user_sybscription_types`  
FOREIGN KEY (`ust_id`) REFERENCES `user_subscription_types` (`ust_id`) ON DELETE  
Restrict ON UPDATE Cascade;
```

```
ALTER TABLE `user_cards`  
ADD CONSTRAINT `FK_user_cards_user_card_payment_systems`  
FOREIGN KEY (`ucps_id`) REFERENCES `user_card_payment_systems` (`ucps_id`) ON DELETE  
No Action ON UPDATE Cascade;
```

```
ALTER TABLE `user_comments`  
ADD CONSTRAINT `FK_user_comments_content`  
FOREIGN KEY (`c_id`, `ct_id`) REFERENCES `content` (`c_id`, `ct_id`) ON DELETE Restrict ON  
UPDATE Cascade;
```

```
ALTER TABLE `user_comments`  
ADD CONSTRAINT `FK_user_comments_users`  
FOREIGN KEY (`u_id`) REFERENCES `user` (`u_id`) ON DELETE Restrict ON UPDATE Cascade;
```

```
ALTER TABLE `user_subscription_types`  
ADD CONSTRAINT `FK_user_sybscription_types_user_subscription_prices`
```

```
FOREIGN KEY (`usp_id`) REFERENCES `user_subscription_prices` (`usp_id`) ON DELETE No  
Action ON UPDATE Cascade;
```

```
ALTER TABLE `user_subscription_types_m2m_resolutions`  
ADD CONSTRAINT `FK_user_subscription_types_m2m_resolutions_resolutions`  
FOREIGN KEY (`r_id`) REFERENCES `resolutions` (`r_id`) ON DELETE Cascade ON UPDATE  
Cascade;
```

```
ALTER TABLE `user_subscription_types_m2m_resolutions`  
ADD CONSTRAINT `FK_user_subscription_types_m2m_resolutions_user_subscription_types`  
FOREIGN KEY (`ust_id`) REFERENCES `user_subscription_types` (`ust_id`) ON DELETE  
Restrict ON UPDATE Cascade;
```

```
ALTER TABLE `users_m2m_user_cards`  
ADD CONSTRAINT `FK_users_m2m_user_cards_user_cards`  
FOREIGN KEY (`uc_number`) REFERENCES `user_cards` (`uc_number`) ON DELETE No Action  
ON UPDATE Cascade;
```

```
ALTER TABLE `users_m2m_user_cards`  
ADD CONSTRAINT `FK_users_m2m_user_cards_users`  
FOREIGN KEY (`u_id`) REFERENCES `user` (`u_id`) ON DELETE Restrict ON UPDATE Cascade;
```