



It Talents

Season 14

Final Project

Miroslava Kirilova

Sofiya Velcheva



The app was launched in 2016 in China, where it's called Douyin.

It went international in 2017 as TikTok; the name, apparently, is a play on tick-tock, onomatopoeia for clocks and a term for countdowns and minute-by-minute action.



Technologies, tools and resources

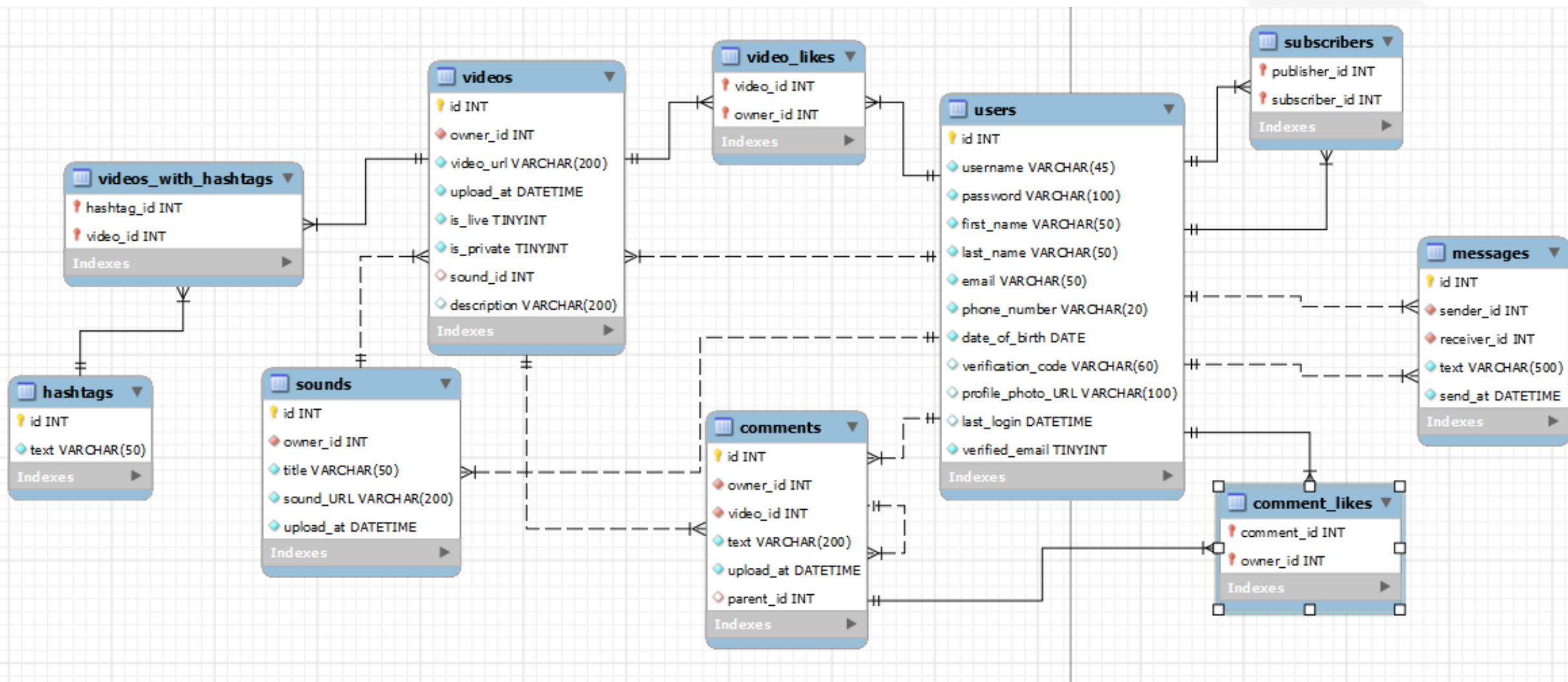


maven

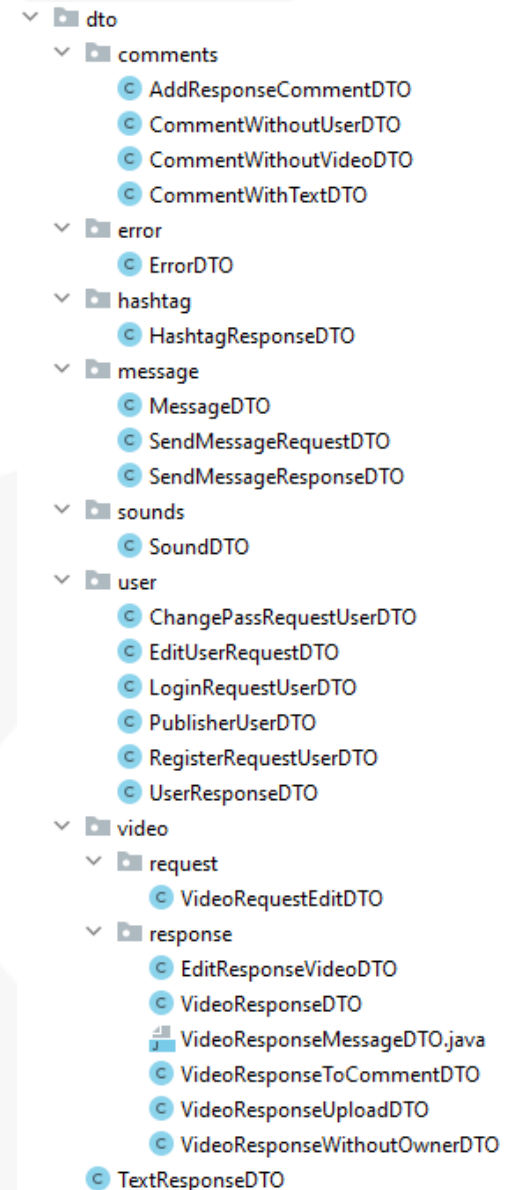
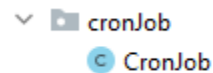
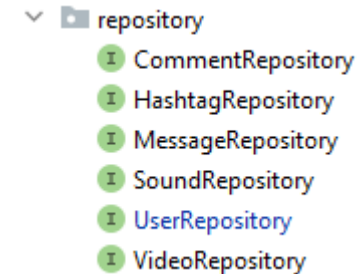
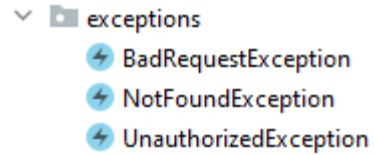
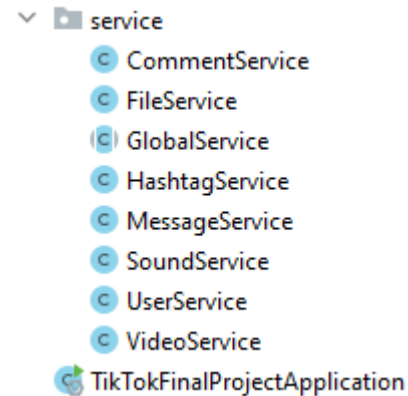
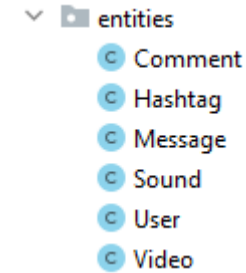
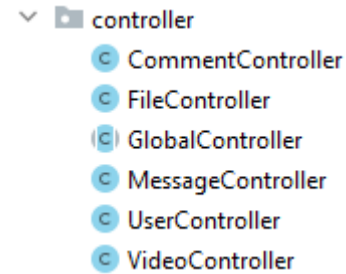
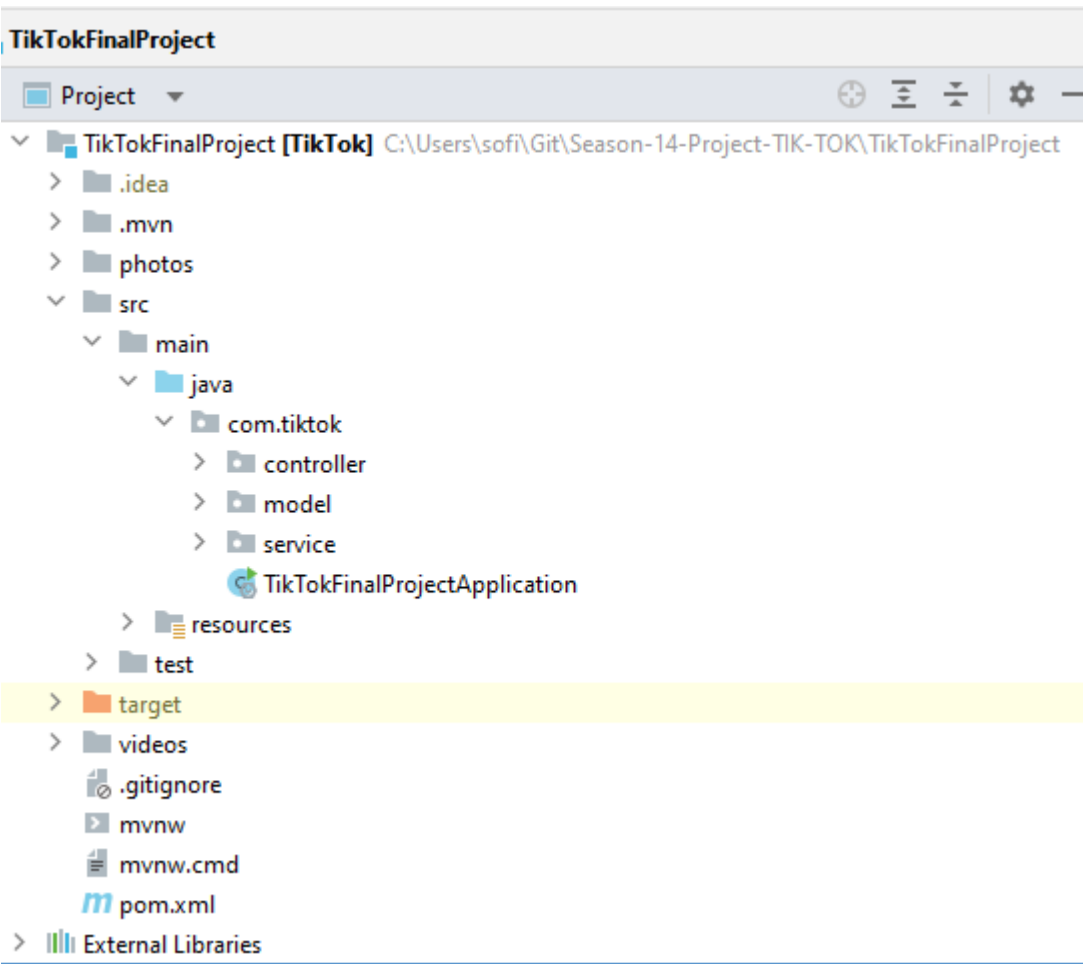


Lombok





Project structure



ENDPOINTS

The diagram illustrates the API endpoint structure for TikTok, organized into a tree view. The main categories and their endpoints are:

- Tik-Tok**
 - videos
 - POST postVideo
 - PUT editVideo
 - POST showLiveVideos
 - POST showVideosHomePage
 - POST showMyVideos
 - PUT likeVideo
 - GET get all videos with hashtag
 - GET all videos following
 - DEL deleteVideo
 - users
 - POST register
 - POST login
 - PUT edit
 - PUT edit photo
 - PUT edit password
 - POST logout
 - DEL delete
 - POST subscribe
 - POST unsubscribe
 - GET users
 - GET search all by username
 - GET following accounts
 - message
 - POST send message
 - PUT edit message
 - DEL delete message
 - POST send message subscribers
 - GET correspondence with user
 - comments
 - POST addComment
 - PUT likeComment
 - POST replyToComment
 - DEL deleteComment
 - POST showAllComments
 - POST showAllRepliesToComment
 - POST showAllCommentsOrderByLastAdd
 - files
 - GET user profile photo
 - GET showVideo

The development process

- Lines of code in project **2400**:
- **248** lines of code in `main/java/com/tiktok/service/UserService.java`
- **159** lines of code in `main/java/com/tiktok/service/VideoService.java`
- **24** DTOs
- **35** endpoints
- **18** hard working days
- $18 * 7 * 60 * 2 = \mathbf{15120}$ min in coding
- $18 * 60 * 2 = \mathbf{2160}$ min zoom meetings
- **5** hours in crying and desperation



One whole free day!

DEMO



