

SOUNDCLOUD

IT Talents Season 14

<https://github.com/emollov98/soundcloud>



WHO ARE WE?



Dimitar Popov

Former Naval Officer



Erkan Mollov

Former Real Estate Agent

MAIN FUNCTIONALITIES

User:

- registration
- verify
- login / logout
- edit
- upload / delete image
- delete account
- follow / unfollow
- etc.

Song:

- upload
- play
- edit
- download
- delete
- like / dislike
- filter
- etc.

Playlist:

- create
- add / remove song
- delete
- get by id
- get by name
- get by owner
- etc.

Comment:

- comment song
- response comment
- edit
- delete
- like / dislike
- get all by song id.

WHAT WE USED:

Spring:

- Spring Boot
- Spring JPA
- Hibernate
- Spring Security



Storage / DB:

- MySQL
- AWS SDK
- S3



Others:

- Git
- Maven
- Tomcat
- Lombok
- JavaMail API
- Model Mapper



Software:

- Postman
- Workbench
- IntelliJ Idea Ultimate



DEVELOPMENT STAGES

15.10 - Initial commit
(DB model and Action map)

1

20.10 – Most of User and Song
functionality implemented

3

23.10 – Most of Playlist and Comment
functionality implemented

5

Presentation

7

2

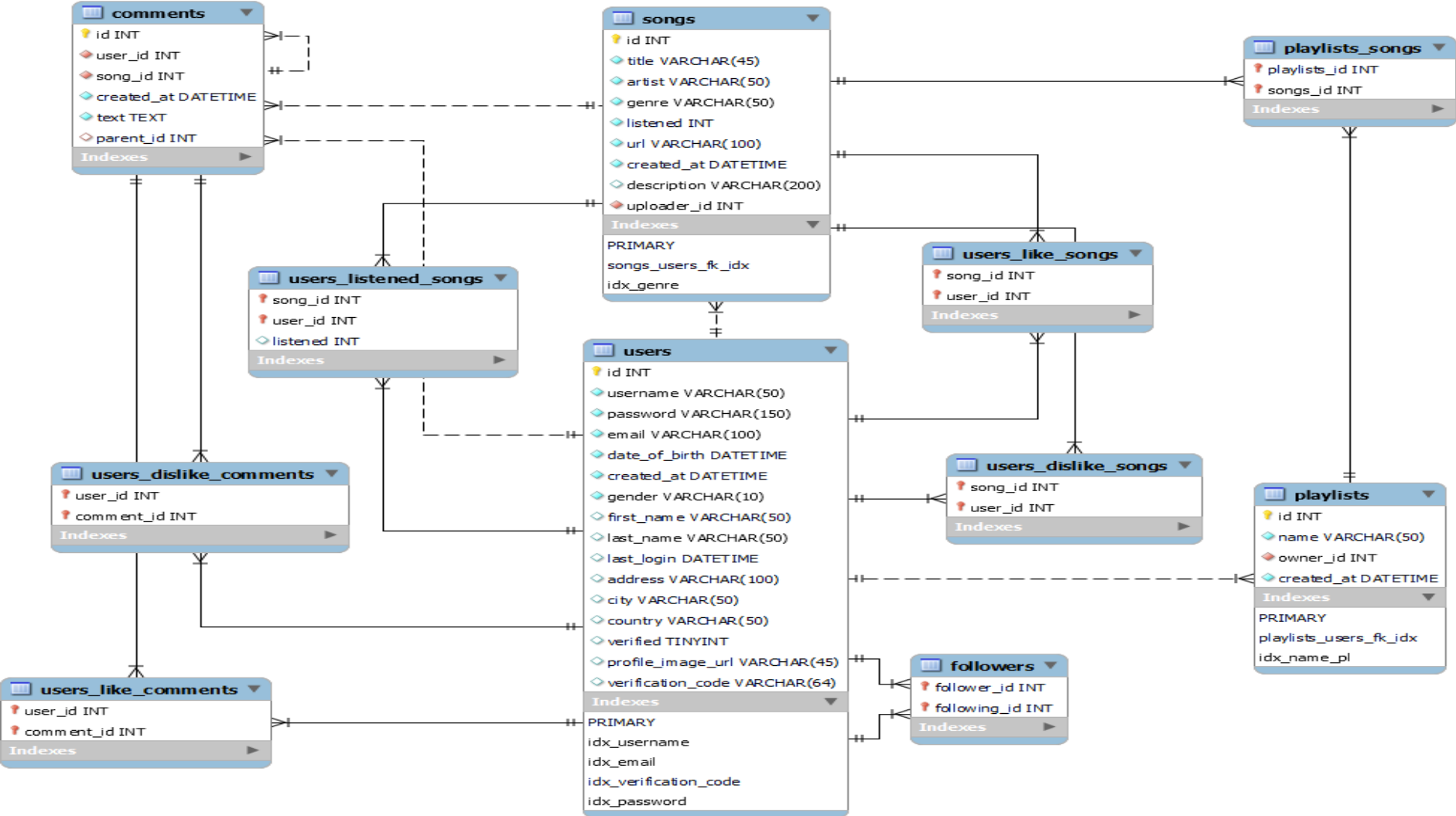
16-18.10 – Break!
Krasi: “Stop coding just learn
theory.”

4

21.10 – Verification by email
functionality implemented

6

24-29.10 – AWS Storage
functionality implemented,
finishing activities and refactoring.



config
AmazonConfiguration

controllers
CommentController
FileController
GlobalController
PlaylistController
SongController
UserController

dao
SongDAO

exceptions
BadRequestException
FileException
ForbiddenException
MethodNotAllowedException
NotFoundException
UnauthorizedException

src
main
java
com.example.soundcloud
config
controllers
models
dao
dto
entities
exceptions
repositories
service
MainWebAppInitializer
SoundCloudApplication

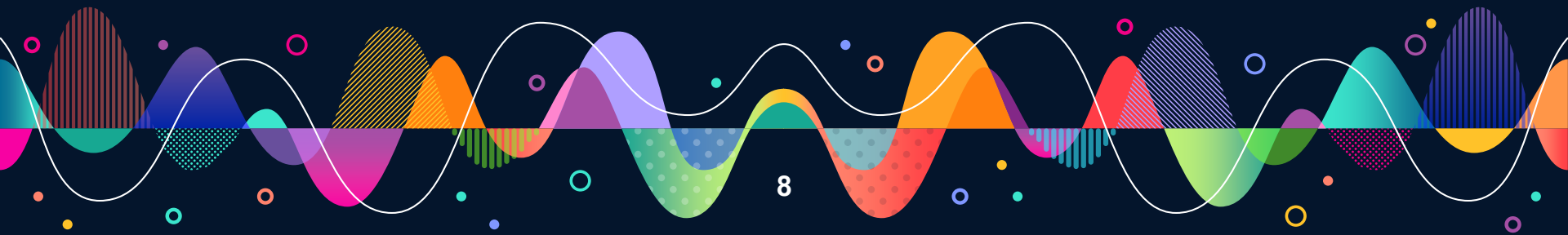
entities
listeners
Listened
ListenedKey
Comment
Playlist
Song
User

repositories
CommentRepository
ListenedRepository
PlaylistRepository
SongRepository
UserRepository

dto
comment
playlist
song
user
DislikeDTO
ErrorDTO
LikeDTO

service
AbstractService
CommentService
PlaylistService
SongService
UserService
Utility

SHOWTIME



THANKS!



Any questions?