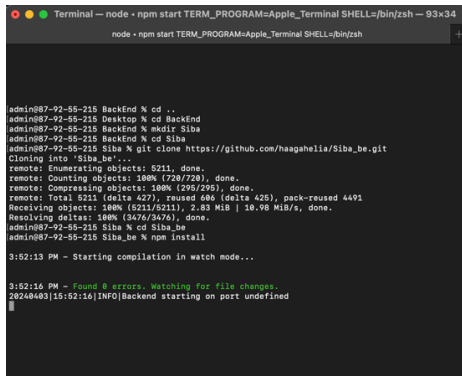


Small disclaimer. In this assignment I run in problem where port 3306 was taken by MySQL. I tried to fix but unfortunately without any success. For this reason, I used port 3307 to connect at least to DBeaver.

Workspace folder

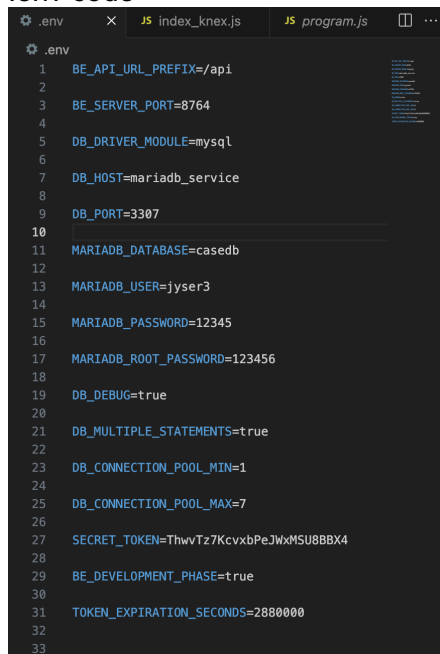


```
admin@87-92-55-215 Backend % cd ..
admin@87-92-55-215 Desktop % cd Backend
admin@87-92-55-215 Backend % mkdir Siba
admin@87-92-55-215 Backend % cd Siba
admin@87-92-55-215 Siba % git clone https://github.com/haagahelia/Siba_be.git
Cloning into 'Siba_be'...
remote: Enumerating objects: 5211, done.
remote: Counting objects: 180K (720/720), done.
remote: Compressing objects: 180K (290/290), done.
remote: Total 5211 (delta 427), reused 686 (delta 425), pack-reused 4491
Receiving objects: 180K (5211/5211), 2.83 MiB | 10.98 MiB/s, done.
Resolving deltas: 180K (3476/3476), done.
admin@87-92-55-215 Siba % cd Siba_be
admin@87-92-55-215 Siba_be % npm install

3:52:13 PM - Starting compilation in watch mode...

3:52:16 PM - Found 0 errors. Watching for file changes.
20240403 15:52:16 [INFO] Backend starting on port undefined
```

.env code



```
.env
1 BE_API_URL_PREFIX=/api
2
3 BE_SERVER_PORT=8764
4
5 DB_DRIVER_MODULE=mysql
6
7 DB_HOST=mariadb_service
8
9 DB_PORT=3307
10
11 MARIADB_DATABASE=casedb
12
13 MARIADB_USER=jyser3
14
15 MARIADB_PASSWORD=12345
16
17 MARIADB_ROOT_PASSWORD=123456
18
19 DB_DEBUG=true
20
21 DB_MULTIPLE_STATEMENTS=true
22
23 DB_CONNECTION_POOL_MIN=1
24
25 DB_CONNECTION_POOL_MAX=7
26
27 SECRET_TOKEN=ThwvTz7KcvxbPeJWxMSU8BBX4
28
29 BE_DEVELOPMENT_PHASE=true
30
31 TOKEN_EXPIRATION_SECONDS=2880000
32
33
```

Reason why I used port 3307:



```
admin@Victors-MacBook-Pro Siba_be % docker compose -f docker-compose-db.yaml up
Attaching to mariadb_container
Gracefully stopping... (press Ctrl+C again to force)
Error response from daemon: Ports are not available: exposing port TCP 0.0.0.0:3306 -> 0.0.0.0:0: listen tcp 0.0.0.0:3306: bind: address already in use
```

MariaDB: docker-compose -f docker-compose-db.yaml up

```
mariadb_container
mariadb:11.1.2-jammy
10f6c2f6062b
3307.3306

Logs    Inspect    Bind mounts    Exec    Files    Stats

2024-04-03 18:14:54 2024-04-03 15:14:54 0 [Note] InnoDB: Setting file './ibtmp1' size to 12.000MiB. Physically writing the file full; Please wait ...
2024-04-03 18:14:54 2024-04-03 15:14:54 0 [Note] InnoDB: File './ibtmp1' size is now 12.000MiB.
2024-04-03 18:14:54 2024-04-03 15:14:54 0 [Note] InnoDB: Log sequence number 228178; transaction id 162
2024-04-03 18:14:54 2024-04-03 15:14:54 0 [Note] Plugin 'FEEDBACK' is disabled.
2024-04-03 18:14:54 2024-04-03 15:14:54 0 [Note] Plugin 'wsrep-provider' is disabled.
2024-04-03 18:14:54 2024-04-03 15:14:54 0 [Note] InnoDB: Loading buffer pool(s) from /var/lib/mysql/ib_buffer_pool
2024-04-03 18:14:54 2024-04-03 15:14:54 0 [Note] Server socket created on IP: '0.0.0.0'.
2024-04-03 18:14:54 2024-04-03 15:14:54 0 [Note] Server socket created on IP: '::'.
2024-04-03 18:14:54 2024-04-03 15:14:54 0 [Note] mariadbd: Event Scheduler: Loaded 0 events
2024-04-03 18:14:54 2024-04-03 15:14:54 0 [Note] InnoDB: Buffer pool(s) load completed at 240403 15:14:54
2024-04-03 18:14:54 2024-04-03 15:14:54 0 [Note] mariadbd: ready for connections.
2024-04-03 18:14:54 Version: 11.1.2-MariaDB-1:11.1.2-maria-ubu2204 sockets /run/mysqld/mysqld.sock port: 3306 mariadb.org binary distribution
2024-04-03 18:14:53 2024-04-03 15:14:53+00:00 [Note] [Entrypoint]: Temporary server started.
2024-04-03 18:14:54 2024-04-03 15:14:54+00:00 [Note] [Entrypoint]: Creating database casedb.
2024-04-03 18:14:54 2024-04-03 15:14:54+00:00 [Note] [Entrypoint]: Creating user jysr3
2024-04-03 18:14:54 2024-04-03 15:14:54+00:00 [Note] [Entrypoint]: Giving user jysr3 access to schema casedb
2024-04-03 18:14:54 2024-04-03 15:14:54+00:00 [Note] [Entrypoint]: Securing system users (equivalent to running mysql_secure_installation)
2024-04-03 18:14:54 2024-04-03 15:14:54+00:00 [Note] [Entrypoint]: /usr/local/bin/docker-entrypoint.sh: running /docker-entrypoint-initdb.d/init.sql
2024-04-03 18:14:54 2024-04-03 15:14:54+00:00 [Note] [Entrypoint]: Stopping temporary server
2024-04-03 18:14:54 2024-04-03 15:14:54+00:00 [Note] [Entrypoint]: Temporary server stopped
2024-04-03 18:14:54 2024-04-03 15:14:54+00:00 [Note] [Entrypoint]: MariaDB init process done. Ready for start up.
2024-04-03 18:14:54
```

```
Siba_be -- -zsh -- 99x26
~/Desktop/Siba/Siba_be -- -zsh

mariadb_container | 2024-04-03 14:53:28 0 [Note] InnoDB: Removed temporary tablespace data file: "
./ibtmp1"
mariadb_container | 2024-04-03 14:53:28 0 [Note] InnoDB: Shutdown completed; log sequence number 2
52772; transaction id 165
mariadb_container | 2024-04-03 14:53:28 0 [Note] mariadbd: Shutdown complete
mariadb_container |
mariadb_container exited with code 0
admin@07-92-55-215 Siba_be % docker compose -f docker-compose-db.yaml up
[+] Running 0/0
  ✓ mariadb.service 8 layers [#####] 0B/0B Pulled 14.6s
  ✓ 895d322e8e59 Pull complete 2.8s
  ✓ 0a51395918e9 Pull complete 0.6s
  ✓ 7e9dc8b7a8af Pull complete 1.9s
  ✓ ae4c8a6d779e Pull complete 2.8s
  ✓ 4abfa2f57d45 Pull complete 3.9s
  ✓ 705550d68fde Pull complete 9.6s
  ✓ ec9df31fc22c Pull complete 3.3s
  ✓ 16773732efee Pull complete 5.0s
[+] Running 2/2
  ✓ Volume "db_project_mariadb_volume" Created 0.0s
  ✓ Container mariadb_container Cre... 0.3s
Attaching to mariadb_container
Gracefully stopping... (press Ctrl+C again to force)
no container to killError response from daemon: Ports are not available: exposing port TCP 0.0.0.0:
3306 -> 0.0.0.0: listen tcp 0.0.0.0:3306: bind: address already in use
admin@07-92-55-215 Siba_be %
```

Beaver is connected to MariaDB

DBeaver 24.0.1 - casedb

Database Navigator: X Projects: X AllocCurrentRoundUser: X casedb X

Enter a part of object name here

casedb - localhost:3307

Databases: casedb

Tables:

- AllocCurrentRoundUser 32K
- AllocRound 48K
- AllocSpace 48K
- AllocSubject 32K
- AllocSubjectSuitableSpace 32K
- Building 32K
- Department 32K
- DepartmentPlanner 32K
- Equipment 32K
- GlobalSetting 32K
- Program 48K
- Space 48K
- SpaceEquipment 32K
- SpaceType 16K
- Subject 64K
- SubjectEquipment 32K
- User 32K

Schema Name: casedb SQL Path:

Default Charset: utf8mb4 Database size: 720K

Default Collation: utf8mb4_general_ci

Tables	Table Name	Engine	Auto Increment	Data Length	Partitioned	Description
Views	AllocCurrentRoundUser	InnoDB	0	16K	[]	
Indexes	AllocRound	InnoDB	10 005	16K	[]	
Procedures	AllocSpace	InnoDB	0	16K	[]	
Packages	AllocSubject	InnoDB	0	16K	[]	
Sequences	AllocSubjectSuitableSpace	InnoDB	0	16K	[]	
Triggers	Building	InnoDB	404	16K	[]	
Events	Department	InnoDB	117	16K	[]	
Source	DepartmentPlanner	InnoDB	0	16K	[]	
	Equipment	InnoDB	2 030	16K	[]	
	GlobalSetting	InnoDB	4	16K	[]	
	Program	InnoDB	3 031	16K	[]	
	Space	InnoDB	1 037	16K	[]	
	SpaceEquipment	InnoDB	0	16K	[]	
	SpaceType	InnoDB	5 005	16K	[]	
	Subject	InnoDB	4 040	16K	[]	
	SubjectEquipment	InnoDB	0	16K	[]	
	User	InnoDB	205	16K	[]	
	log_event	InnoDB	1	16K	[]	
	log_list	InnoDB	1	16K	[]	
	log_type	InnoDB	2	16K	[]	