

25



Thursday

Day 025 - 341

January 2024

Week - 04

08.00 Project Title:- Online Bus ticket booking application

09.00 using springboot, MySQL, HTML, CSS and  
javascript.

10.00 Step 1:- For Backend tool used is IntelliJ

11.00 Here the swagger is Maven

12.00 I have used spring-initialize to download  
13.00 maven dependencies required for the project.

14.00 Step @:- <https://start.spring.io/>

15.00 This opens spring initialize under that  
project → Maven

16.00 Language → Java  
Spring boot →

17.00 project metadata

18.00 Notes  
Group → com.obka  
Artifact → onlinbusbkngapp  
Name → onlinbusbkngapp

2024 January

Week - 04

Description-

08.00 Package name

09.00 Packaging

10.00 Dependencies

Spring Se

11.00 Once all the  
added, done

12.00 it to new file  
intelliJ

13.00 Maven is

14.00 once it is do  
checked th

15.00 is correct  
project.

16.00 Step ⑥:-

17.00 Project

18.00 HTML

Notes

CSS

JS

FRONT

2024 January



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Day 026 - 340

26

Week - 04

Description → Spring Boot application - obba

Friday

08.00

Package name → com. obba. onlineshoppingapp

09.00

Packaging → Jar , Java → 23

Dependencies → SpringWeb, Spring Data JPA,  
Spring Security, MySQL Driver, Lombok

Once all the required dependencies are added, download the zip file and extract it to new folder and opened it in the intelliJ

13.00

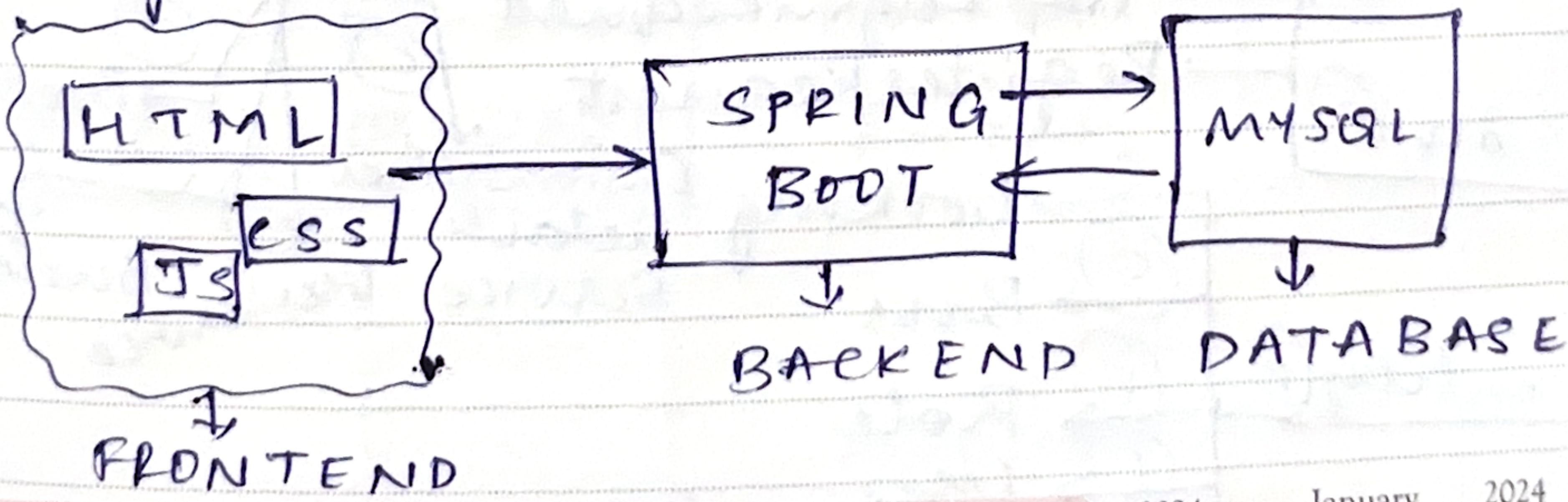
Maven is downloaded by spring initialize once it is downloaded and openend I have checked the pom.xml file if everything is correct and then started with the project.

16.00

Step 6:-

17.00

Project outline looks as below



2

2024	January	2024	February										
S	M	T	W	T	F	S	S	M	T	W	T	F	S
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		7	8	9	10	11	12	13	4	5	6	7	8
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		28	29	30	31				23	24	25	26	27

27

Saturday

08.00

09.00

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Sunday

Step 2:- Backend project structure is as below:-

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15.00  
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16.00  
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Notes

2024 January



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Week - 05

Day 029 - 337

29

Monday

Step③: MySQL and postman

08.00 Step④ Once all these are created in  
09.00 intelliJ and then we need to simultaneously open mysql and postman to check  
10.00 and configure properly.

11.00 In mysql create a database with name  
12.00 obba (means online bus booking application)  
13.00 and give table names as booking, bus,  
users.

14.00 Table with rows and columns limiting to  
15.00 1000 and below is the table in mysql.

### Booking Table

id	booking-date	booking-status	number-of-seats	bus-id	user-id
1	03-03-2025	Booked	2	1	8
2	03-03-2025	Booked	4	2	12

Notes

2024							January					February								
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**30**

Tuesday

Day 030 - 336

**January 2024**

Week - 05

**2024 January**

Week - 05

Wednesday

### 08:00 Bus Table

id	arrival-time	available-seats	bus-number	departure-time	destination	fare price	source
1	08:00:00:000000	40	BUS123	08:00:00:000000	City B	500	City A
2	14:00:00:000000	60	KA05AR1234	08:00:00:000000	Mysuru	500	Bangalore
3	12:00:00:000000	50	KA05AR1234	08:00:00:000000	Bengaluru	400	Dharwada
4	13:00:00:000000	40	KA05AR12345	10:00:00:000000	Bengaluru	600	Daavangere
	14:00:00:000000						

### 15:00 Users Table

id	email	name	Password	role	account-non-expired	credentials-non-expired	enabled
1	amu@gmail.com	amu	\$2a\$10\$pHaa...ROLE-USER	1	1	1	1
2	abc@gmail.com	abc	\$2a\$10\$pD...ROLE-USER	1	1	1	1
3	admin@gmail.com	Admin	\$2a\$10\$p2D...ROLE-ADMIN	1	1	1	1

Notes

1. Admin user has Admin role.

2. User abc has ROLE-USER role.

3. User amu has ROLE-USER role.

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01



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Thursday

Day 032 - 334

February 2024

Week - 05

08.00 Now we need to see how postman looks like to test if the configuration is proper or not.

09.00  
10.00 Step (b): In postman, Select post and type  
11.00 `http://localhost:8080/auth/login`

12.00 Select content type as application/json and under body raw and json.  
13.00 and under body we add -

14.00 Body → {  
15.00     "email": "shetty@gmail.com",  
16.00     "password": "pwd123"}  
17.00

18.00 Test few more as below

19.00 ^

20.00 Notes

Body → {  
    "email": "admin@gmail.com",  
    "password": "admin123"}  
21.00 ^

22.00 ↳ This gives token (one time token)

2024 February

Week - 05

08.00 POST `http://127.0.0.1:5000/auth/login`

09.00 content-type: application/json

10.00 header → Authorization: Bearer `your_token`

11.00 Body → [

  {

    "id": 1,

    "busNo": "KA01AA1234",

    "source": "Mysore",

    "destination": "Bangalore",

    "dept": "Sales",

    "journeyDate": "2024-02-15",

  }

]

16.00 GET `http://127.0.0.1:5000/auth/logout`

17.00 POST `http://127.0.0.1:5000/auth/logout`

18.00 header content-type: application/json

19.00 Notes Body : {

  "name": "Shetty",

  "email": "shetty@gmail.com",

  "password": "pwd123",

  "role": "Admin"

  "token": "your\_token"

}

20.00 ↳ You never g

2024 February



02

Week - 05

Day 033 - 333

POST <http://localhost:8080/api/buses/add> Friday

08.00

content-type: application/json

09.00

Header → Authorization and generated token as Bearer generated token

10.00

Body → [

11.00

{  
    "id": 2,  
    "busNumber": "KA-015D 0001",  
    "source": "Bengaluru",  
    "destination": "Mysuru",  
    "departureTime": "06:00:00",  
    "price": 500  
}

12.00

]  
y

13.00

GET <http://localhost:8080/api/buses>

14.00

POST <http://localhost:8080/api/auth/register>

15.00

header content-type → application/json

Notes

Body : {

    "name": "Admin User",  
    "email": "admin@gmail.com",  
    "password": "admin@23",  
    "role": "Admin"

y

2024 February						2024 March						
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25	26	27	28	29			24	25	26	27	28	

03

Day 034 - 332

Week - 05

Saturday

08.00 GET option is used to see if the stored value can be seen.

09.00 UPDATE option is used to update or edit any details in the table.

10.00 DELETE option is used to delete any entry ~~or change it~~.

11.00 Step 4: For Frontend → tools used → Vs code.

12.00 13.00 Folder Name → DBBA-FRONTEND  
↓ Filename

14.00 Select react & go to onlnbusking app  
Javascript & give file name

15.00 I have downloaded dependencies required  
for front-end such as -

04

Sunday

Once the downloaded dependencies are correct we will proceed with coding.

Notes

→ styles.css

2024 February

05

Week - 06

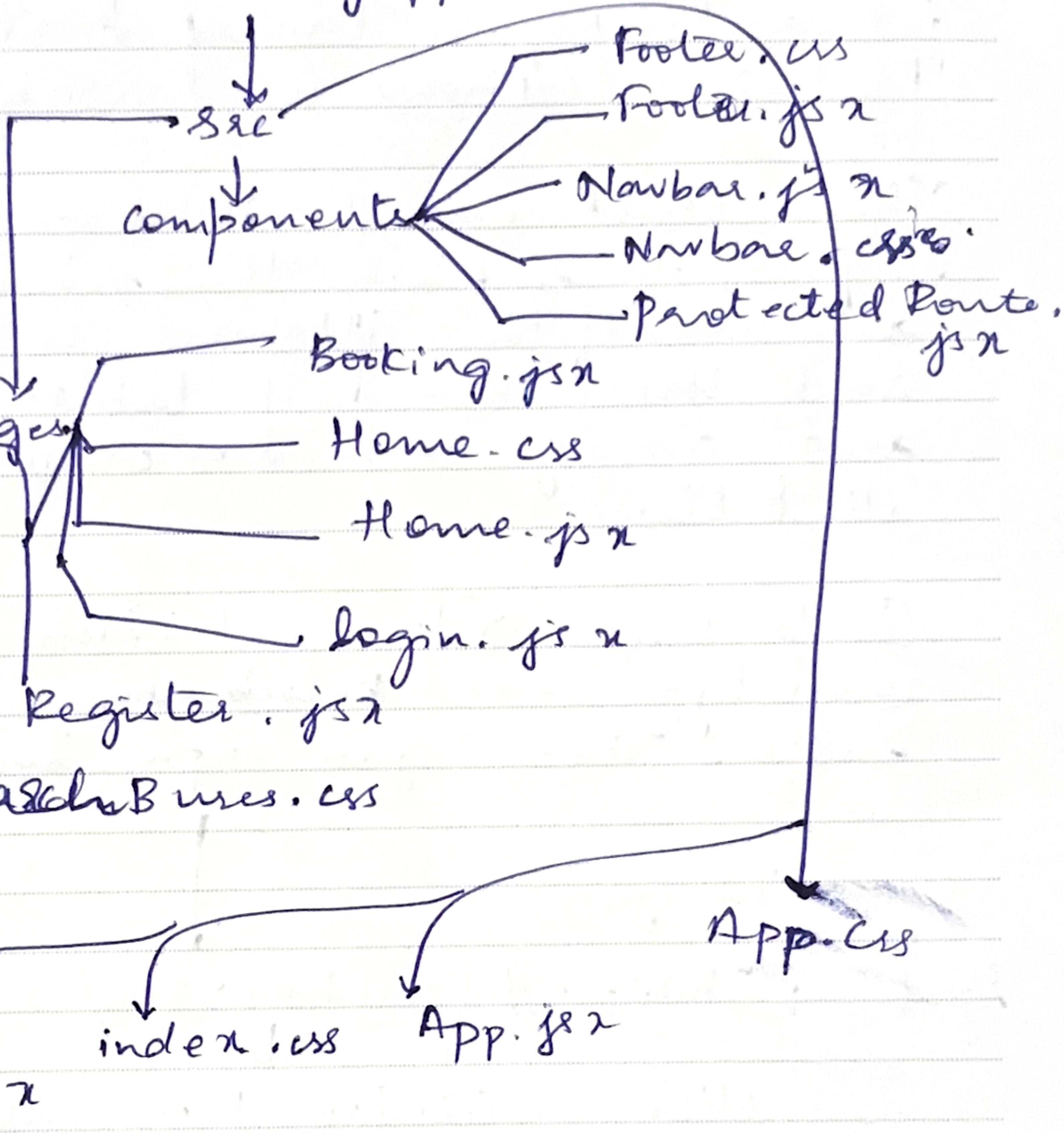
Monday

The code structure of front end under Vs code is shown below -

### OBBA-FRONTEND



enLnbusbkngapp



Notes

Styles.css

2024 February							2024 March						
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11	12	13	14	15	16	17	10	11	12	13	14	15	16
18	19	20	21	22	23	24	17	18	19	20	21	22	23
25	26	27	28	29			24	25	26	27	28	29	30

# 06

Tuesday

08.00 Under Vite-config.js → configured to port 3000 → I have used 3000 here.

09.00 Once the coding is done, I will run backend first that is intelliJ and check if spring boot is working properly. we get a entry as Tomcat started on port 8080 (I have used 8080 here).

10.00 Then check mysql if it is configured properly → refresh the schema in mysql and see if the database is created and then check if tables are created and giving commands or queries for all tables.

11.00 Go to Vscode → Terminal → New Terminal → and type → cd OnlinbusBookingapp and enter. Then give npm run dev

12.00

this gives



13.00 local : http://localhost:3000/



14.00 click on control plus enter or open browser and copy paste http://localhost:3000/ and click on enter & check if project is working fine and if the webpage is showing what we want.

2024 February

Week - 06

Day 038 - 328

07

Wednesday

08.00

09.00

10.00

Bus Ticket Booking

Home

Search Buses

My Bookings

11.00

Login

Register

12.00

Ticket

13.00

Welcome to Online Bus Booking

14.00

15.00

Search and Book bus tickets easily.

16.00

17.00

18.00

@2025 Bus Booking App All Rights Reserved

Notes



2024 February							2024 March					
S	M	T	W	T	F	S	S	M	T	W	F	S
						1	2	3	31	1	2	
4	5	6	7	8	9	10	3	4	5	6	7	8
11	12	13	14	15	16	17	10	11	12	13	14	15
18	19	20	21	22	23	24	17	18	19	20	21	22
25	26	27	28	29			24	25	26	27	28	29
							30					

not long hours of effort.

08

Thursday  
Bus Ticket Booking

Logout

Search For Buses

Source

Enter Source

Destination

Enter Destination

①

Search

Login

Email

Enter your Email

Password

Enter your Password

Login

2024 February

Bus Ticket Booki

Register

Name  
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17.00

18.00

Notes

2024 February



09

Week 06  
Bus Ticket Booking

Home

Search Buses

My Bookings  
Friday

08.00

Register

09.00

Name

Enter your name

10.00

Email

Enter your email

12.00

Password

Enter your password

13.00

Register

14.00

15.00

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18.00

Notes

2

2024 February							2024 March						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1	2	3	31		1	2	
4	5	6	7	8	9	10	3	4	5	6	7	8	9
11	12	13	14	15	16	17	10	11	12	13	14	15	16
18	19	20	21	22	23	24	17	18	19	20	21	22	23
25	26	27	28	29			24	25	26	27	28	29	30