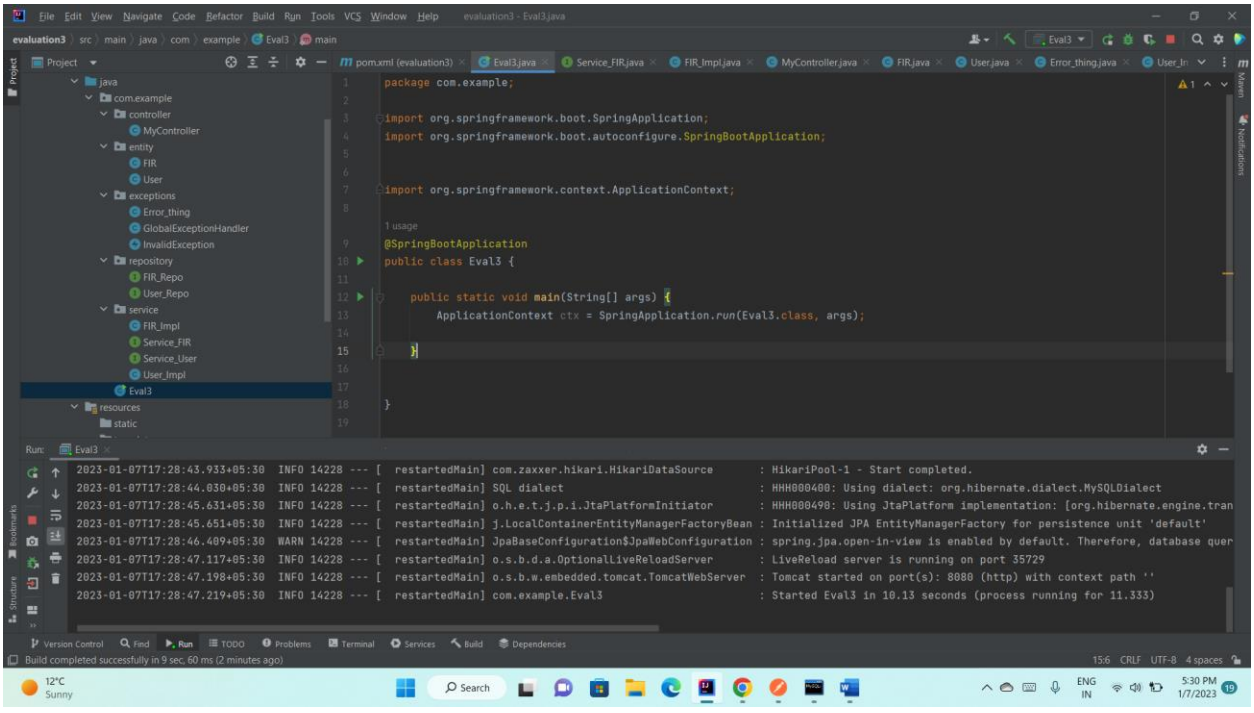
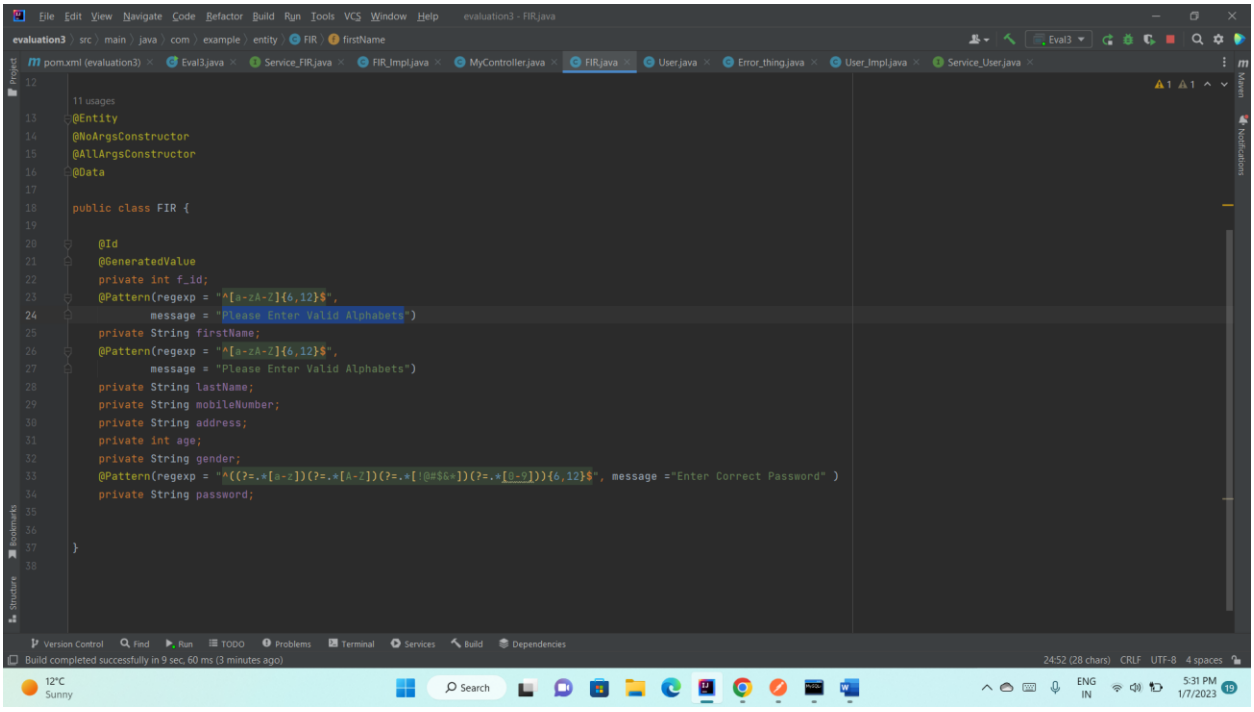
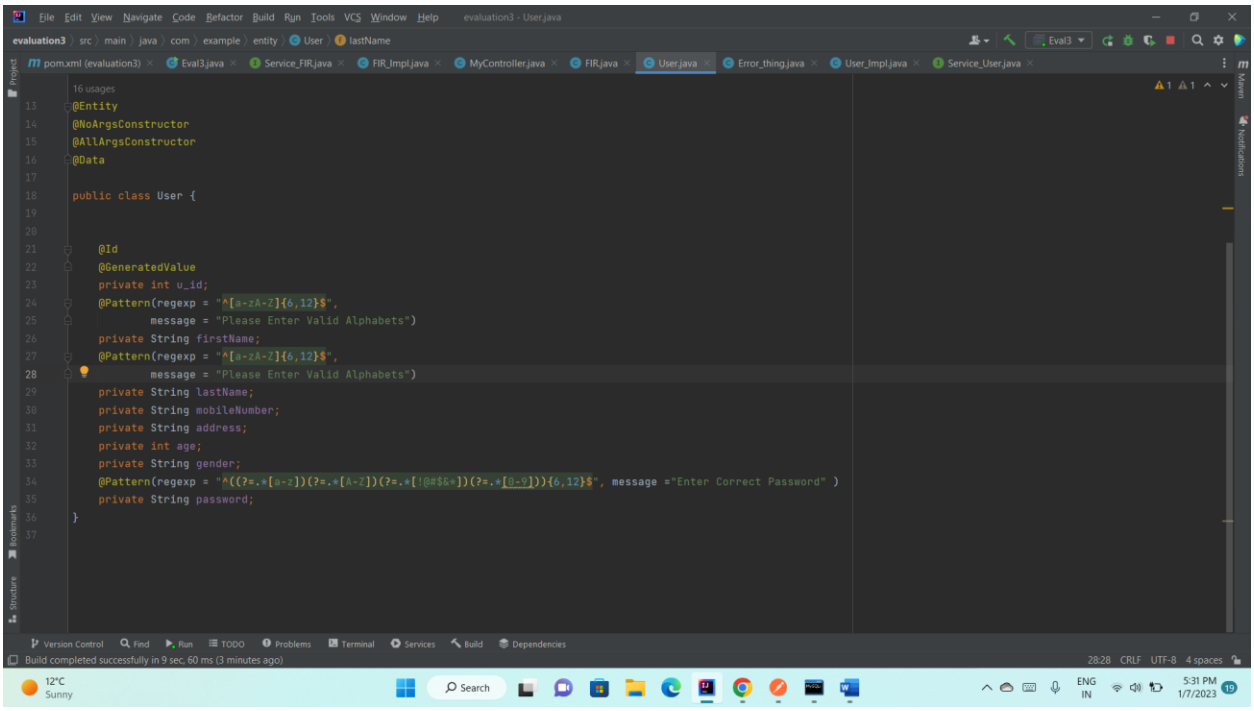
Name : Kanishka Shrivastava

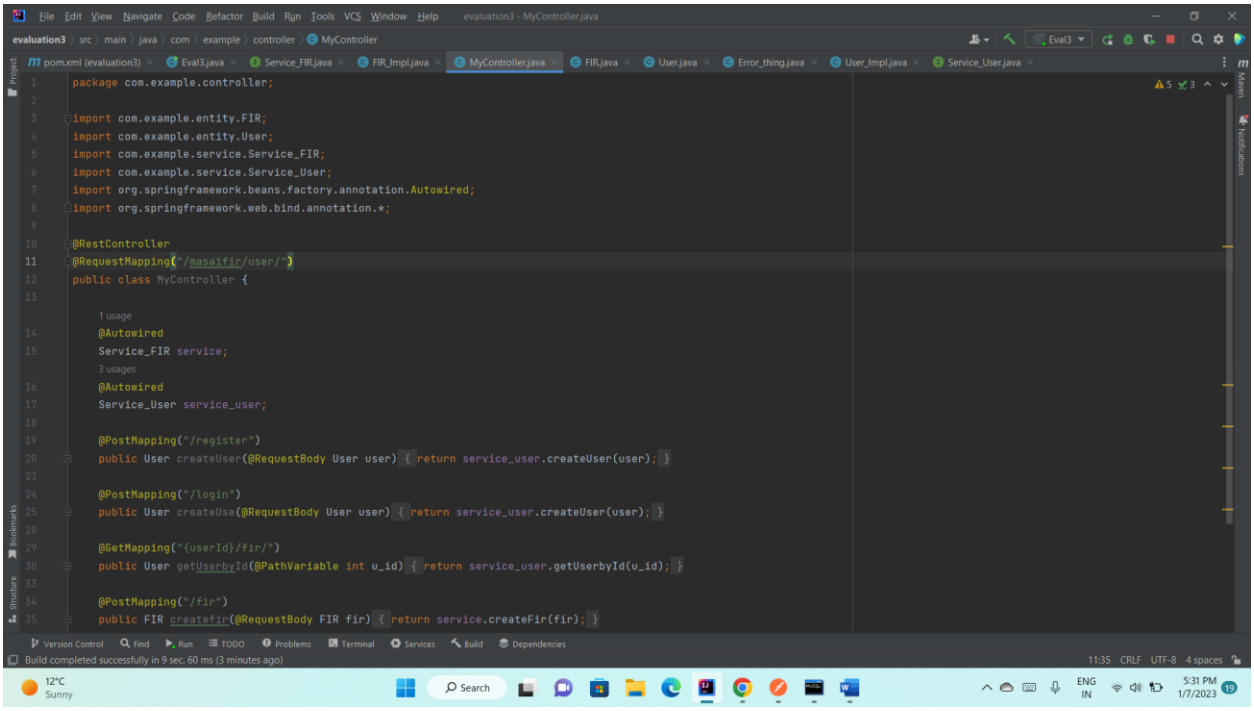
Screenshots: Evaluation 3



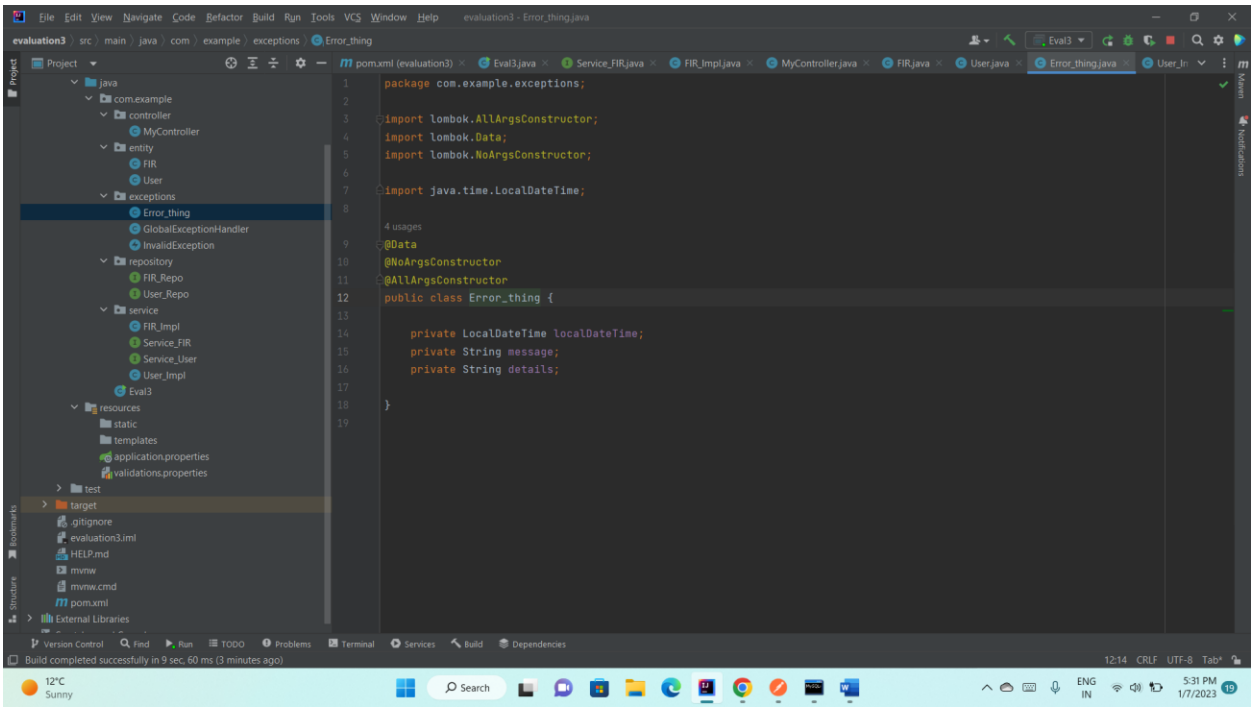




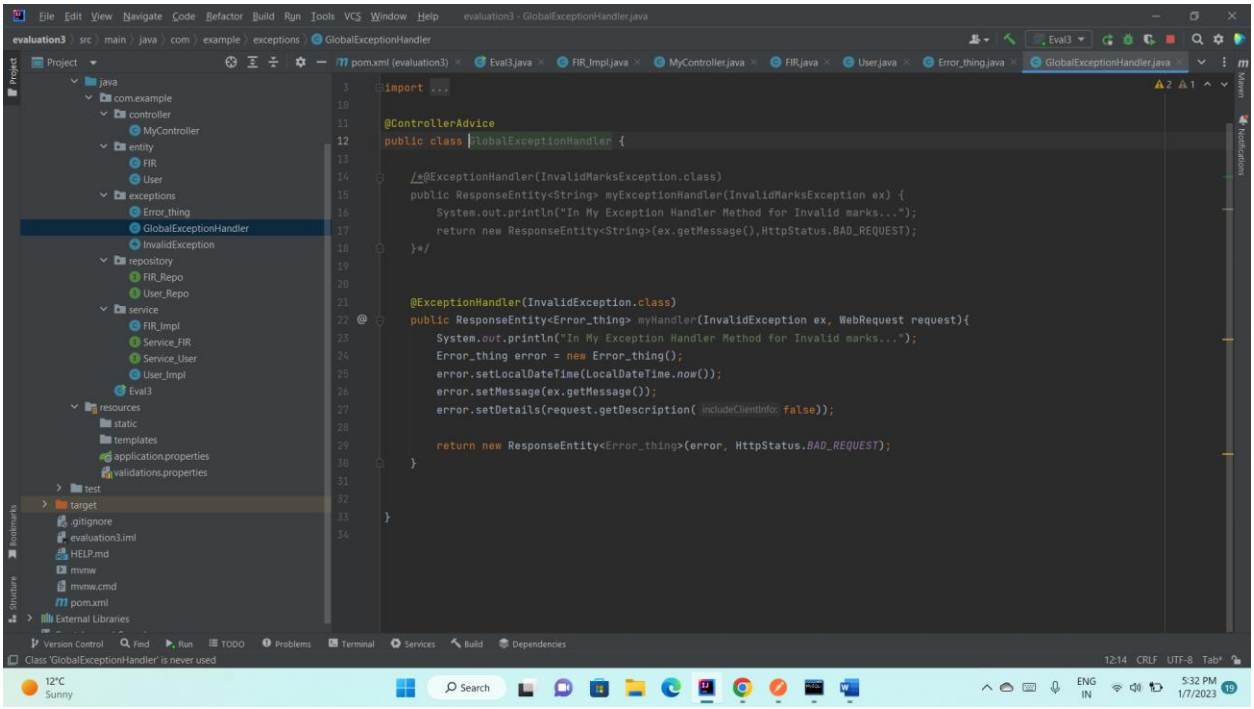
```
16 usages
@Entity
@NoArgsConstructor
@AllArgsConstructor
@Data

public class User {


    @Id
    @GeneratedValue
    private int u_id;
    @Pattern(regexp = "^[a-zA-Z]{6,12}$",
            message = "Please Enter Valid Alphabets")
    private String firstName;
    @Pattern(regexp = "^[a-zA-Z]{6,12}$",
            message = "Please Enter Valid Alphabets")
    private String lastName;
    private String mobileNumber;
    private String address;
    private int age;
    private String gender;
    @Pattern(regexp = "^((?=.*[a-z])(?=.*[A-Z])(?=.*[!@#$&*])(?=.*[0-9])){6,12}$", message ="Enter Correct Password" )
    private String password;
}
```



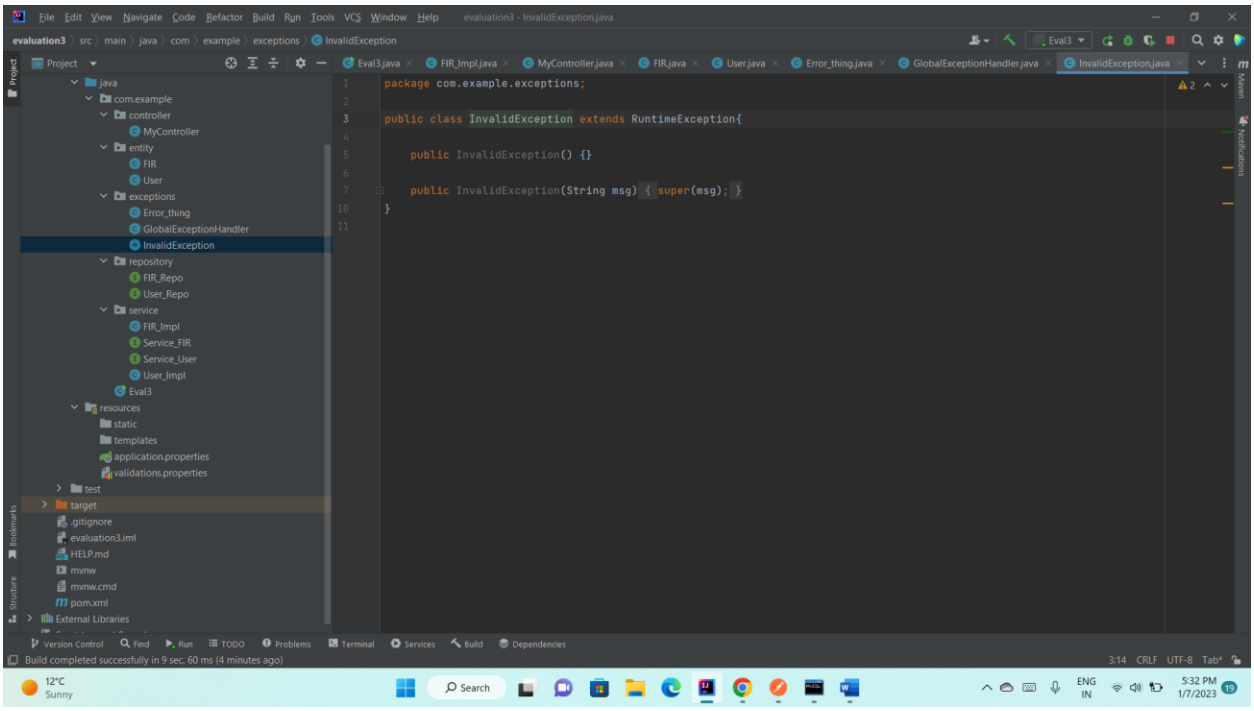
```
package com.example.controller;

import com.example.entity.FIR;
import com.example.entity.User;
import com.example.service.Service_FIR;
import com.example.service.Service_User;
import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.web.bind.annotation.*;

@RestController
@RequestMapping("/masaifir/user/")
public class MyController {

    1 usage
    @Autowired
    Service_FIR service;
    3 usages
    @Autowired
    Service_User service_user;

    @PostMapping("/register")
    public User createUser(@RequestBody User user) { return service_user.createUser(user); }

    @PostMapping("/login")
    public User createUse(@RequestBody User user) { return service_user.createUser(user); }

    @GetMapping("{userId}/fir/")
    public User getUserbyId(@PathVariable int u_id) { return service_user.getUserbyId(u_id); }

    @PostMapping("/fir")
    public FIR createfir(@RequestBody FIR fir) { return service.createFir(fir); }
```

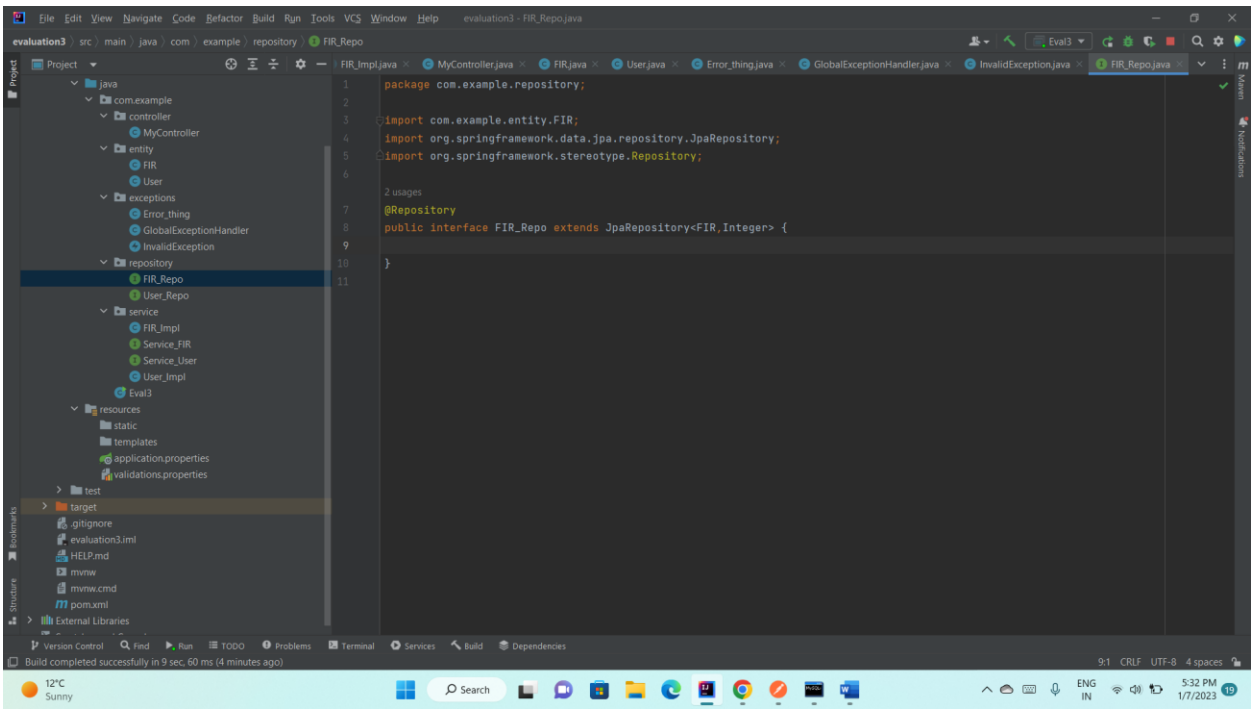



```java
package com.example.exceptions;

import lombok.AllArgsConstructor;
import lombok.Data;
import lombok.NoArgsConstructor;

import java.time.LocalDateTime;

4 usages
@Data
@NoArgsConstructor
@AllArgsConstructor
public class Error_thing {

    private LocalDateTime localDateTime;
    private String message;
    private String details;

}
```




```java
import ...

@ControllerAdvice
public class GlobalExceptionHandler {

    /*@ExceptionHandler(InvalidMarksException.class)
    public ResponseEntity<String> myExceptionHandler(InvalidMarksException ex) {
        System.out.println("In My Exception Handler Method for Invalid marks...");
        return new ResponseEntity<String>(ex.getMessage(),HttpStatus.BAD_REQUEST);
    }*/


    @ExceptionHandler(InvalidException.class)
    public ResponseEntity<Error_thing> myHandler(InvalidException ex, WebRequest request){
        System.out.println("In My Exception Handler Method for Invalid marks...");
        Error_thing error = new Error_thing();
        error.setLocalDateTime(LocalDateTime.now());
        error.setMessage(ex.getMessage());
        error.setDetails(request.getDescription( includeClientInfo: false));

        return new ResponseEntity<Error_thing>(error, HttpStatus.BAD_REQUEST);
    }


}
```


File Edit View Navigate Code Refactor Build Run Tools VCS Window Help
evaluation3 - InvalidException.java
evaluation3 › src › main › java › com › example › exceptions › InvalidException
Project
Eval3.java
FIR_Impl.java
MyController.java
FIR.java
User.java
Error_thing.java
GlobalExceptionHandler.java
InvalidException.java
java
com.example
controller
MyController
entity
FIR
User
exceptions
Error_thing
GlobalExceptionHandler
InvalidException
repository
FIR_Repo
User_Repo
service
FIR_Impl
Service_FIR
Service_User
User_Impl
Eval3
resources
static
templates
application.properties
validations.properties
test
target
.gitignore
evaluation3.iml
HELP.md
mvnw
mvnw.cmd
pom.xml
External Libraries
package com.example.exceptions;
public class InvalidException extends RuntimeException{
public InvalidException() {}
public InvalidException(String msg) { super(msg); }
}
Version Control
Find
Run
TODO
Problems
Terminal
Services
Build
Dependencies
Build completed successfully in 9 sec, 60 ms (4 minutes ago)
3:14 CRLF UTF-8 Tab*
12°C
Sunny
Search
ENG
IN
5:32 PM
1/7/2023


File Edit View Navigate Code Refactor Build Run Tools VCS Window Help
evaluation3 - FIR_Repo.java
evaluation3 › src › main › java › com › example › repository › FIR_Repo
Project
FIR_Impl.java
MyController.java
FIR.java
User.java
Error_thing.java
GlobalExceptionHandler.java
InvalidException.java
FIR_Repo.java
java
com.example
controller
MyController
entity
FIR
User
exceptions
Error_thing
GlobalExceptionHandler
InvalidException
repository
FIR_Repo
User_Repo
service
FIR_Impl
Service_FIR
Service_User
User_Impl
Eval3
resources
static
templates
application.properties
validations.properties
test
target
.gitignore
evaluation3.iml
HELP.md
mvnw
mvnw.cmd
pom.xml
External Libraries
package com.example.repository;
import com.example.entity.FIR;
import org.springframework.data.jpa.repository.JpaRepository;
import org.springframework.stereotype.Repository;
2 usages
@Repository
public interface FIR_Repo extends JpaRepository<FIR,Integer> {
}
Version Control
Find
Run
TODO
Problems
Terminal
Services
Build
Dependencies
Build completed successfully in 9 sec, 60 ms (4 minutes ago)
9:1 CRLF UTF-8 4 spaces
12°C
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ENG
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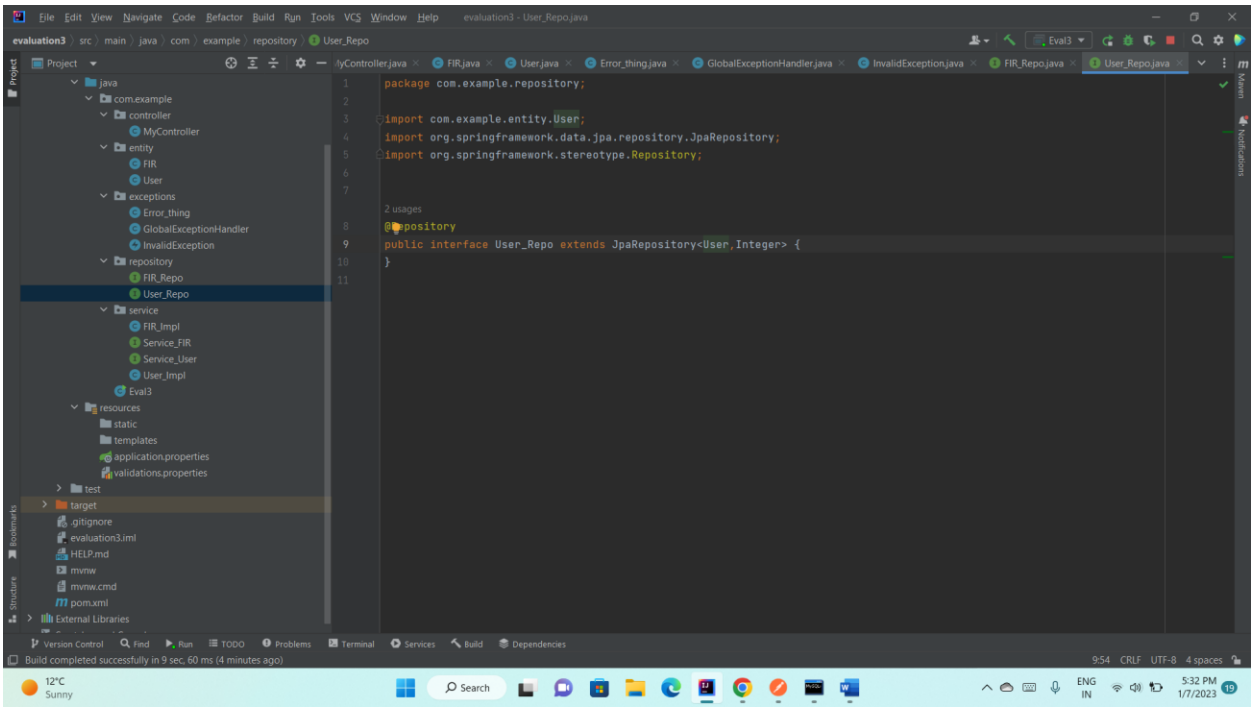
File Edit View Navigate Code Refactor Build Run Tools VCS Window Help
evaluation3 - User_Repo.java
evaluation3 › src › main › java › com › example › repository › User_Repo
Project
java
com.example
controller
MyController
entity
FIR
User
exceptions
Error_thing
GlobalExceptionHandler
InvalidException
repository
FIR_Repo
User_Repo
service
FIR_Impl
Service_FIR
Service_User
User_Impl
Eval3
resources
static
templates
application.properties
validations.properties
test
target
.gitignore
evaluation3.iml
HELP.md
mvnw
mvnw.cmd
pom.xml
External Libraries
/yController.java
FIR.java
User.java
Error_thing.java
GlobalExceptionHandler.java
InvalidException.java
FIR_Repo.java
User_Repo.java
package com.example.repository;
import com.example.entity.User;
import org.springframework.data.jpa.repository.JpaRepository;
import org.springframework.stereotype.Repository;
2 usages
@Repository
public interface User_Repo extends JpaRepository<User,Integer> {
}
Version Control
Find
Run
TODO
Problems
Terminal
Services
Build
Dependencies
Build completed successfully in 9 sec, 60 ms (4 minutes ago)
9:54 CRLF UTF-8 4 spaces
12°C
Sunny
Search
ENG
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5:32 PM
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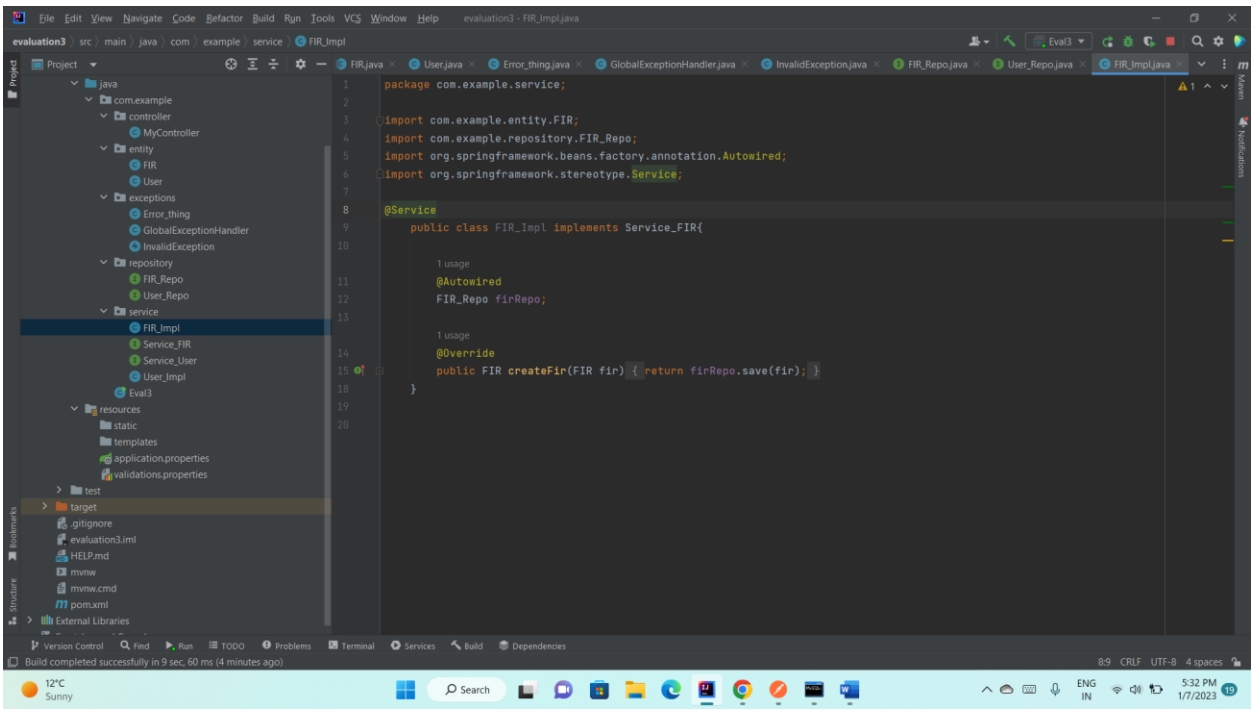
File Edit View Navigate Code Refactor Build Run Tools VCS Window Help
evaluation3 - FIR_Impl.java
evaluation3 › src › main › java › com › example › service › FIR_Impl
Project
java
com.example
controller
MyController
entity
FIR
User
exceptions
Error_thing
GlobalExceptionHandler
InvalidException
repository
FIR_Repo
User_Repo
service
FIR_Impl
Service_FIR
Service_User
User_Impl
Eval3
resources
static
templates
application.properties
validations.properties
test
target
.gitignore
evaluation3.iml
HELP.md
mvnw
mvnw.cmd
pom.xml
External Libraries
FIR.java
User.java
Error_thing.java
GlobalExceptionHandler.java
InvalidException.java
FIR_Repo.java
User_Repo.java
FIR_Impl.java
package com.example.service;
import com.example.entity.FIR;
import com.example.repository.FIR_Repo;
import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.stereotype.Service;
@Service
public class FIR_Impl implements Service_FIR{
1 usage
@Autowired
FIR_Repo firRepo;
1 usage
@Override
public FIR createFir(FIR fir) { return firRepo.save(fir); }
}
Version Control
Find
Run
TODO
Problems
Terminal
Services
Build
Dependencies
Build completed successfully in 9 sec, 60 ms (4 minutes ago)
8:9 CRLF UTF-8 4 spaces
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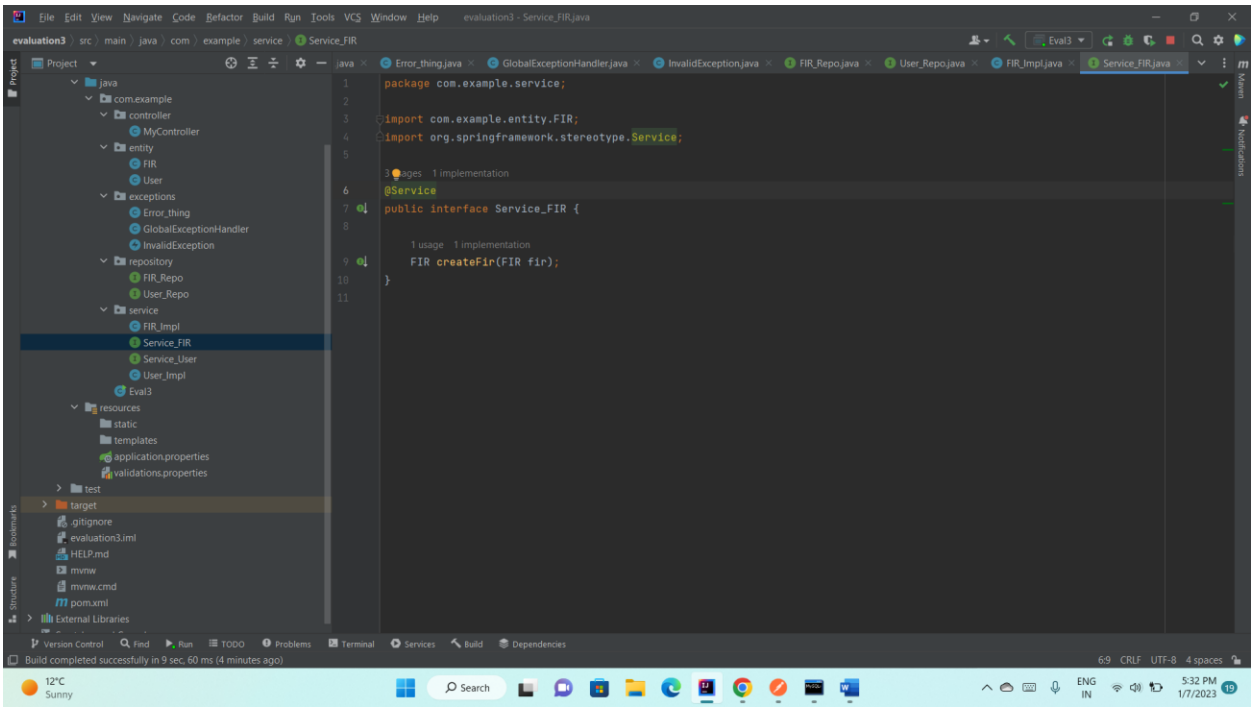
File Edit View Navigate Code Refactor Build Run Tools VCS Window Help
evaluation3 - Service_FIR.java
Project
java
com.example
controller
MyController
entity
FIR
User
exceptions
Error_thing
GlobalExceptionHandler
InvalidException
repository
FIR_Repo
User_Repo
service
FIR_Impl
Service_FIR
Service_User
User_Impl
Eval3
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test
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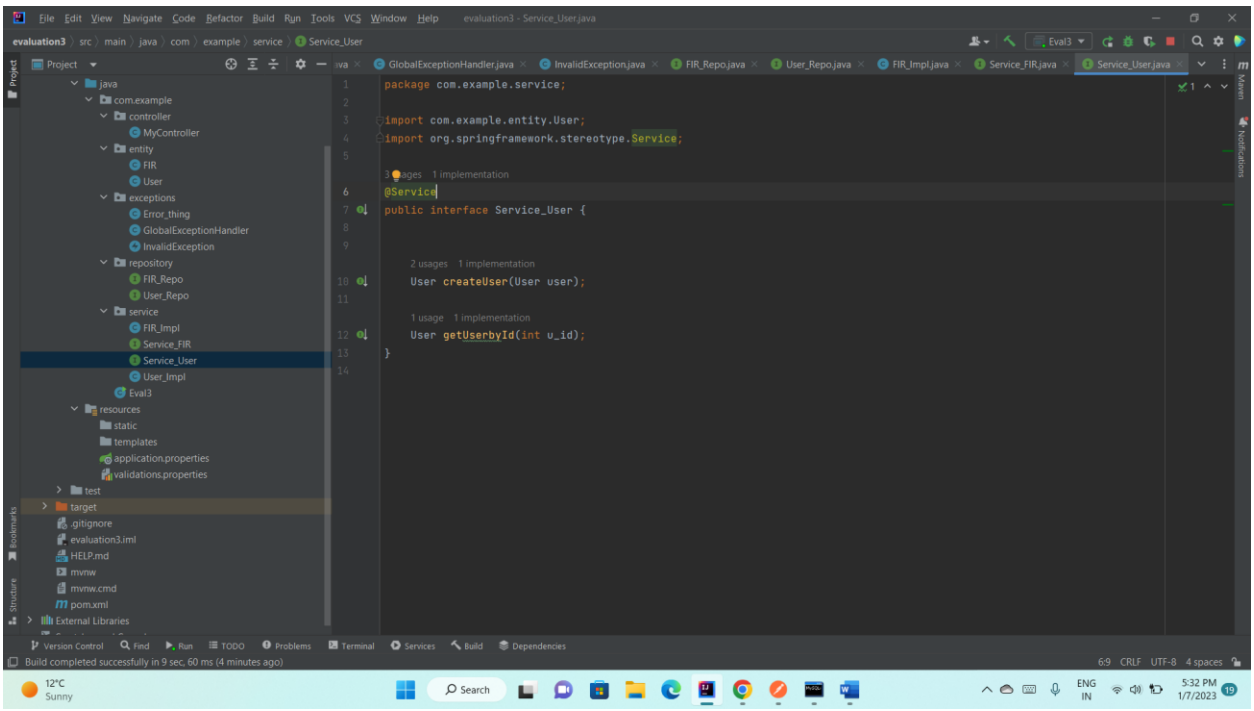
.gitignore
evaluation3.iml
HELP.md
mvnw
mvnw.cmd
pom.xml
External Libraries
Error_thing.java
GlobalExceptionHandler.java
InvalidException.java
FIR_Repo.java
User_Repo.java
FIR_Impl.java
Service_FIR.java
package com.example.service;
import com.example.entity.FIR;
import org.springframework.stereotype.Service;
3 usages 1 implementation
@Service
public interface Service_FIR {
1 usage 1 implementation
FIR createFir(FIR fir);
}
Version Control Find Run TODO Problems Terminal Services Build Dependencies
Build completed successfully in 9 sec, 60 ms (4 minutes ago)
6:9 CRLF UTF-8 4 spaces
12°C Sunny
Search
ENG IN
5:32 PM 1/7/2023


File Edit View Navigate Code Refactor Build Run Tools VCS Window Help
evaluation3 - Service_User.java
Project
java
com.example
controller
MyController
entity
FIR
User
exceptions
Error_thing
GlobalExceptionHandler
InvalidException
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FIR_Repo
User_Repo
service
FIR_Impl
Service_FIR
Service_User
User_Impl
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application.properties
validations.properties
test
target
.gitignore
evaluation3.iml
HELP.md
mvnw
mvnw.cmd
pom.xml
External Libraries
GlobalExceptionHandler.java
InvalidException.java
FIR_Repo.java
User_Repo.java
FIR_Impl.java
Service_FIR.java
Service_User.java
package com.example.service;
import com.example.entity.User;
import org.springframework.stereotype.Service;
3 usages 1 implementation
@Service
public interface Service_User {
2 usages 1 implementation
User createUser(User user);
1 usage 1 implementation
User getUserbyId(int u_id);
}
Version Control Find Run TODO Problems Terminal Services Build Dependencies
Build completed successfully in 9 sec, 60 ms (4 minutes ago)
6:9 CRLF UTF-8 4 spaces
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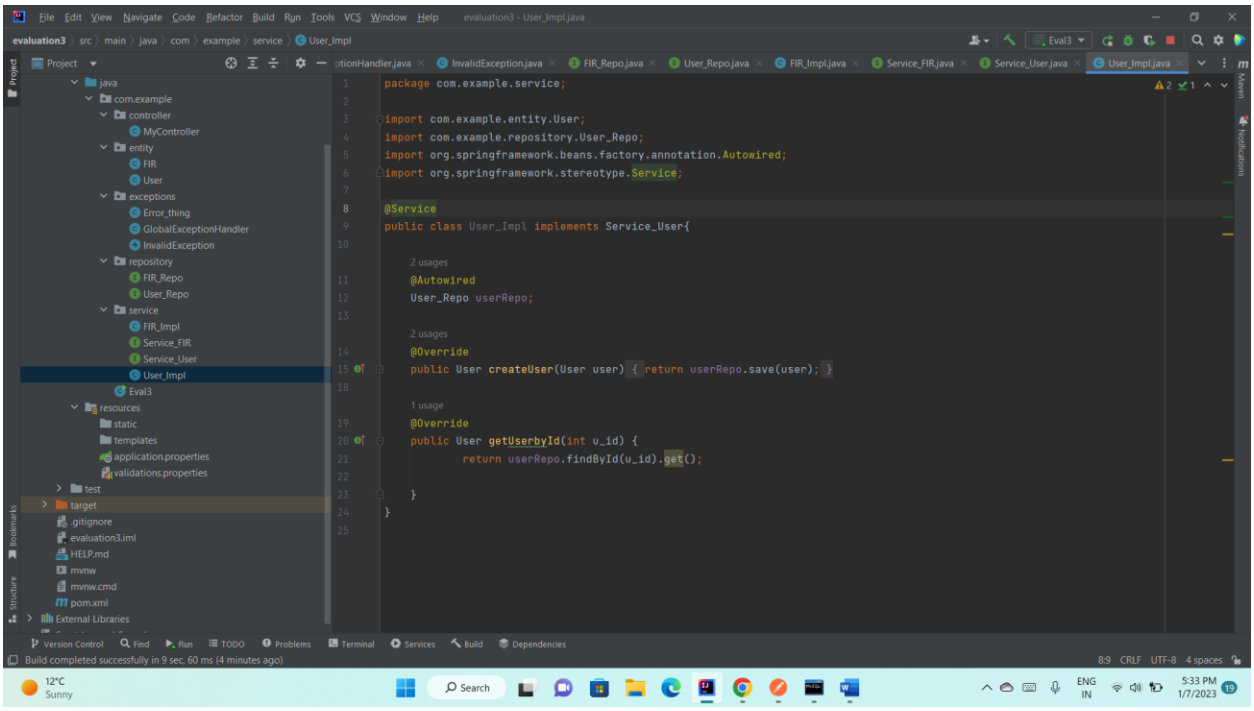
ENG IN
5:32 PM 1/7/2023


File Edit View Navigate Code Refactor Build Run Tools VCS Window Help
evaluation3 - User_Impl.java
evaluation3 › src › main › java › com › example › service › User_Impl
Project
java
com.example
controller
MyController
entity
FIR
User
exceptions
Error_thing
GlobalExceptionHandler
InvalidException
repository
FIR_Repo
User_Repo
service
FIR_Impl
Service_FIR
Service_User
User_Impl
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mvnw
mvnw.cmd
pom.xml
External Libraries
InvalidException.java
FIR_Repo.java
User_Repo.java
FIR_Impl.java
Service_FIR.java
Service_User.java
User_Impl.java
package com.example.service;
import com.example.entity.User;
import com.example.repository.User_Repo;
import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.stereotype.Service;
@Service
public class User_Impl implements Service_User{
2 usages
@Autowired
User_Repo userRepo;
2 usages
@Override
public User createUser(User user) { return userRepo.save(user); }
1 usage
@Override
public User getUserbyId(int u_id) {
return userRepo.findById(u_id).get();
}
}
Version Control Find Run TODO Problems Terminal Services Build Dependencies
Build completed successfully in 9 sec, 60 ms (4 minutes ago)
8:9 CRLF UTF-8 4 spaces
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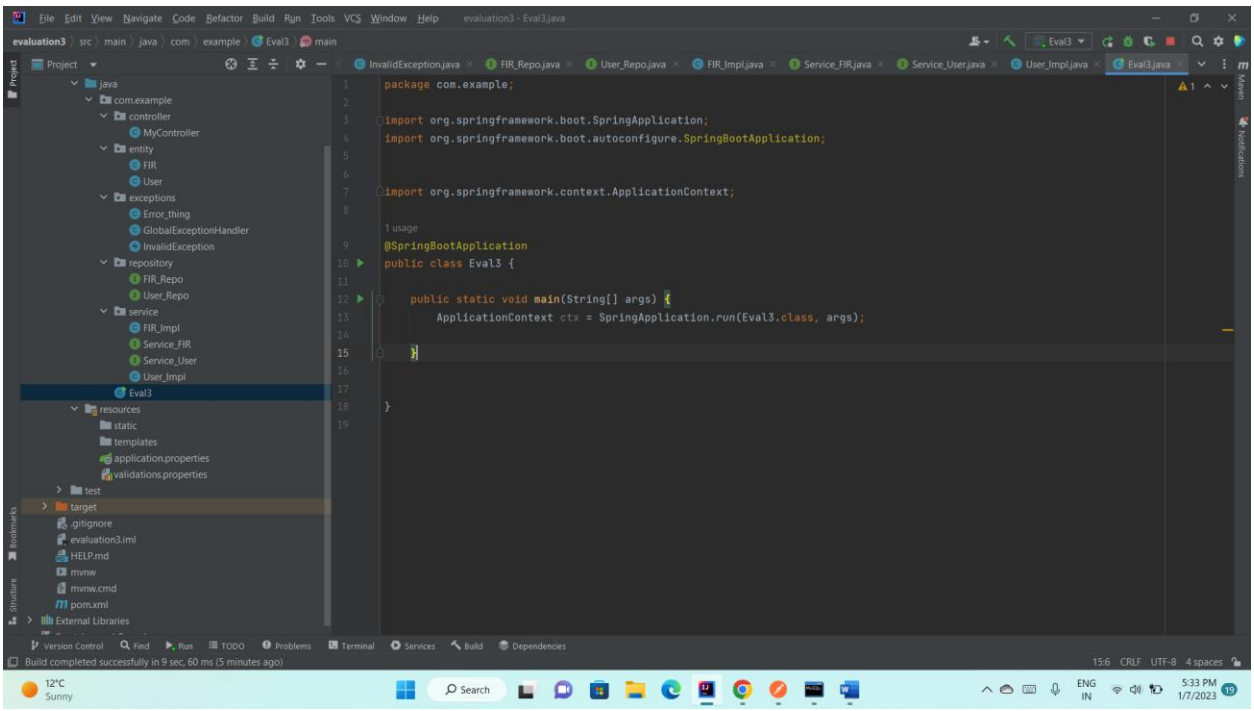
File Edit View Navigate Code Refactor Build Run Tools VCS Window Help
evaluation3 - Eval3.java
evaluation3 › src › main › java › com › example › Eval3 › main
Project
java
com.example
controller
MyController
entity
FIR
User
exceptions
Error_thing
GlobalExceptionHandler
InvalidException
repository
FIR_Repo
User_Repo
service
FIR_Impl
Service_FIR
Service_User
User_Impl
Eval3
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validations.properties
test
target
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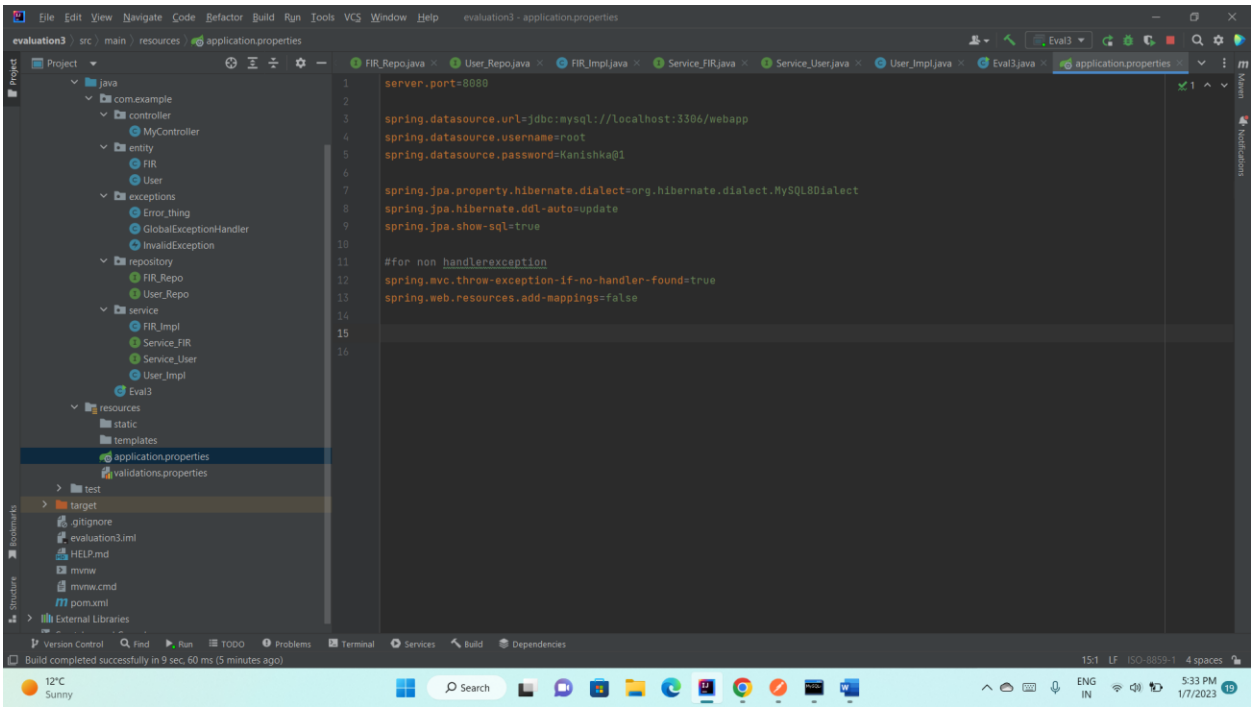
evaluation3.iml
HELP.md
mvnw
mvnw.cmd
pom.xml
External Libraries
InvalidException.java
FIR_Repo.java
User_Repo.java
FIR_Impl.java
Service_FIR.java
Service_User.java
User_Impl.java
Eval3.java
package com.example;
import org.springframework.boot.SpringApplication;
import org.springframework.boot.autoconfigure.SpringBootApplication;
import org.springframework.context.ApplicationContext;
1 usage
@SpringBootApplication
public class Eval3 {
public static void main(String[] args) {
ApplicationContext ctx = SpringApplication.run(Eval3.class, args);
}
}
Version Control Find Run TODO Problems Terminal Services Build Dependencies
Build completed successfully in 9 sec, 60 ms (5 minutes ago)
15:6 CRLF UTF-8 4 spaces
12°C
Sunny
Search
ENG
IN
5:33 PM
1/7/2023


File Edit View Navigate Code Refactor Build Run Tools VCS Window Help
evaluation3 - application.properties
evaluation3 › src › main › resources › application.properties
Project
java
com.example
controller
MyController
entity
FIR
User
exceptions
Error_thing
GlobalExceptionHandler
InvalidException
repository
FIR_Repo
User_Repo
service
FIR_Impl
Service_FIR
Service_User
User_Impl
Eval3
resources
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templates
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validations.properties
test
target
.gitignore
evaluation3.iml
HELP.md
mvnw
mvnw.cmd
pom.xml
External Libraries
FIR_Repo.java
User_Repo.java
FIR_Impl.java
Service_FIR.java
Service_User.java
User_Impl.java
Eval3.java
application.properties
server.port=8080
spring.datasource.url=jdbc:mysql://localhost:3306/webapp
spring.datasource.username=root
spring.datasource.password=Kanishka@1
spring.jpa.property.hibernate.dialect=org.hibernate.dialect.MySQL8Dialect
spring.jpa.hibernate.ddl-auto=update
spring.jpa.show-sql=true
#for non handlerexception
spring.mvc.throw-exception-if-no-handler-found=true
spring.web.resources.add-mappings=false
Version Control
Find
Run
TODO
Problems
Terminal
Services
Build
Dependencies
Build completed successfully in 9 sec, 60 ms (5 minutes ago)
15:1 LF ISO-8859-1 4 spaces
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Sunny
Search
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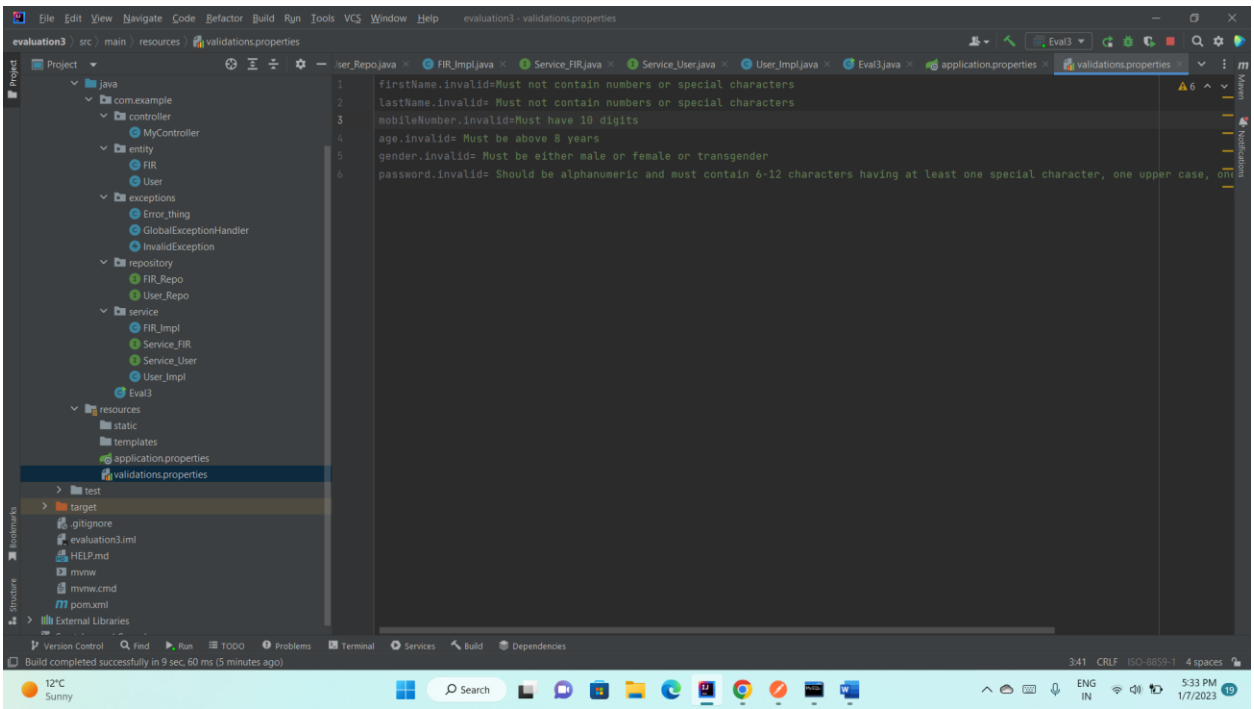
1/7/2023


File Edit View Navigate Code Refactor Build Run Tools VCS Window Help
evaluation3 - validations.properties
evaluation3 › src › main › resources › validations.properties
Project
java
com.example
controller
MyController
entity
FIR
User
exceptions
Error_thing
GlobalExceptionHandler
InvalidException
repository
FIR_Repo
User_Repo
service
FIR_Impl
Service_FIR
Service_User
User_Impl
Eval3
resources
static
templates
application.properties
validations.properties
test
target
.gitignore
evaluation3.iml
HELP.md
mvnw
mvnw.cmd
pom.xml
External Libraries
User_Repo.java
FIR_Impl.java
Service_FIR.java
Service_User.java
User_Impl.java
Eval3.java
application.properties
validations.properties
firstName.invalid=Must not contain numbers or special characters
lastName.invalid= Must not contain numbers or special characters
mobileNumber.invalid=Must have 10 digits
age.invalid= Must be above 8 years
gender.invalid= Must be either male or female or transgender
password.invalid= Should be alphanumeric and must contain 6-12 characters having at least one special character, one upper case, on
Version Control
Find
Run
TODO
Problems
Terminal
Services
Build
Dependencies
Build completed successfully in 9 sec, 60 ms (5 minutes ago)
3:41 CRLF ISO-8859-1 4 spaces
12°C
Sunny
Search
ENG
IN
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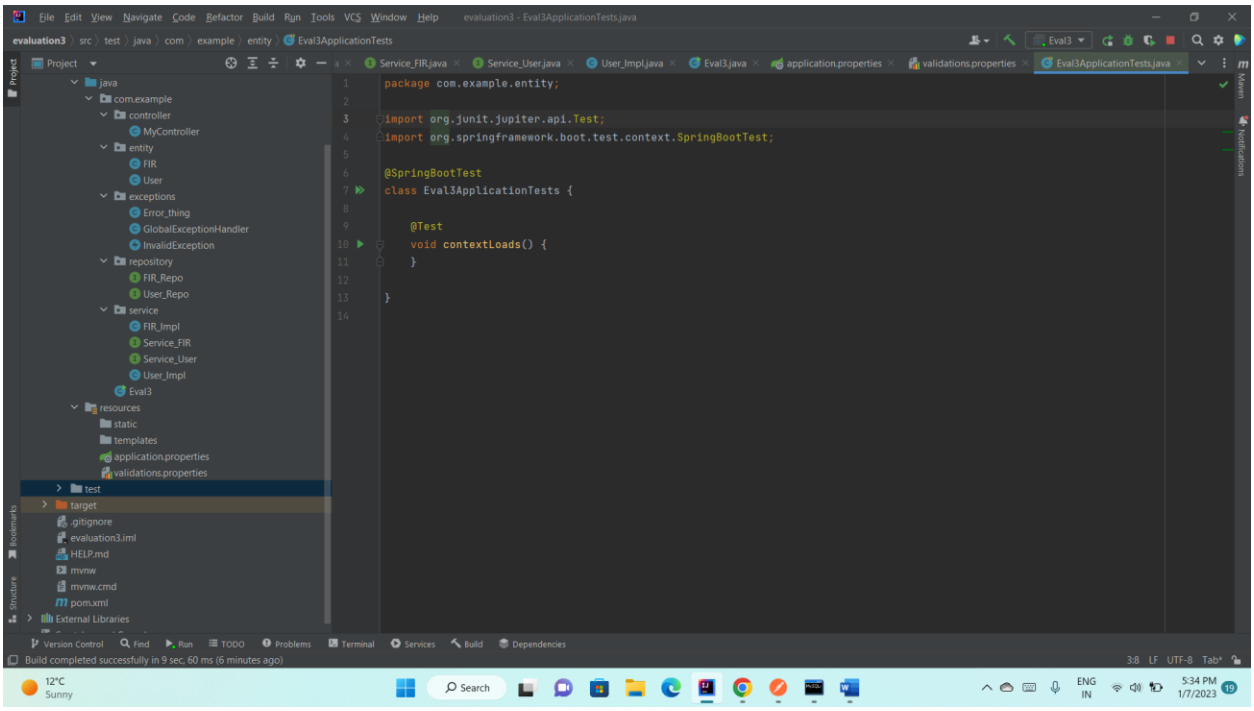
1/7/2023


File Edit View Navigate Code Refactor Build Run Tools VCS Window Help
evaluation3 - Eval3ApplicationTests.java
Project
java
com.example
controller
MyController
entity
FIR
User
exceptions
Error_thing
GlobalExceptionHandler
InvalidException
repository
FIR_Repo
User_Repo
service
FIR_Impl
Service_FIR
Service_User
User_Impl
Eval3
resources
static
templates
application.properties
validations.properties
test
target
.gitignore
evaluation3.iml
HELP.md
mvnw
mvnw.cmd
pom.xml
External Libraries
Service_FIR.java
Service_User.java
User_Impl.java
Eval3.java
application.properties
validations.properties
Eval3ApplicationTests.java
package com.example.entity;
import org.junit.jupiter.api.Test;
import org.springframework.boot.test.context.SpringBootTest;
@SpringBootTest
class Eval3ApplicationTests {
@Test
void contextLoads() {
}
}
Version Control
Find
Run
TODO
Problems
Terminal
Services
Build
Dependencies
Build completed successfully in 9 sec, 60 ms (6 minutes ago)
3:8 LF UTF-8 Tab*
12°C
Sunny
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5:34 PM
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