



BHASKARACHARYA NATIONAL INSTITUTE FOR SPACE APPLICATIONS AND GEO-INFORMATICS

WEEKLY PROGRESS REPORT (12/01/2024 – 18/01/2024)

WEEK 6

PROJECT NAME	Intern Management System
PROJECT DESCRIPTION :	An Intern Management System (IMS) is a software application designed to automate the processes associated with managing interns within an organization.
GROUP MEMBER :	NILKANTHKUMAR PATEL , ROHITKUMAR PRAJAPATI, KRISHNA CHAPLA
GROUP ID :	24RH4
GROUP GUIDE :	SIDHDHARTH PATEL
GROUP COORDINATOR :	SIDHDHARTH PATEL
COLLEGE GUIDE NAME :	Prof. Niyati Buch
COLLEGE GUIDE No. :	9428700496
COLLEGE GUIDE EMAIL. :	niyatibuch.ce@ddu.ac.in
COLLEGE NAME :	DHARMSINH DESAI UNIVERSITY

12/01/2024	<ul style="list-style-type: none"> ● Tried to implement group creation based on the same domain. Unfortunately we end up with some errors. (KRISHNA CHAPLA) ● Started Integration of finalized front end for admin dashboard. <p>(ROHIT PRAJAPATI & NILKANTH PATEL)</p>
13/01/2024	Holiday (2nd Saturday)
14/12/2024	Holiday (Sunday)
15/01/2024	<ul style="list-style-type: none"> ● Full DAY LEAVE (NILKANTH PATEL & ROHITKUMAR PRAJAPATI) ● Worked on the group creation process. (KRISHNA CHAPLA)
16/01/2024	<ul style="list-style-type: none"> ● Learned how message service works differently in Websocket, JMS, Apache Kafka etc. <p>(KRISHNA CHAPLA & NILKANTH PATEL & ROHITKUMAR PRAJAPATI)</p>
17/01/2024	<ul style="list-style-type: none"> ● Started learning spring security. <p>(KRISHNA CHAPLA & NILKANTHKUMAR PATEL)</p> <ul style="list-style-type: none"> ● Working on the admin dashboard guide section. <p>(ROHITKUMAR PRAJAPATI)</p>
18/01/2024	<ul style="list-style-type: none"> ● Tried to implement spring security in the project. (KRISHNA CHAPLA) ● Implemented spring security in a separate project for learning purposes. (NILKANTH PATEL) ● Continues working on the admin dashboard in the intern section. <p>(ROHIT PRAJAPATI)</p>

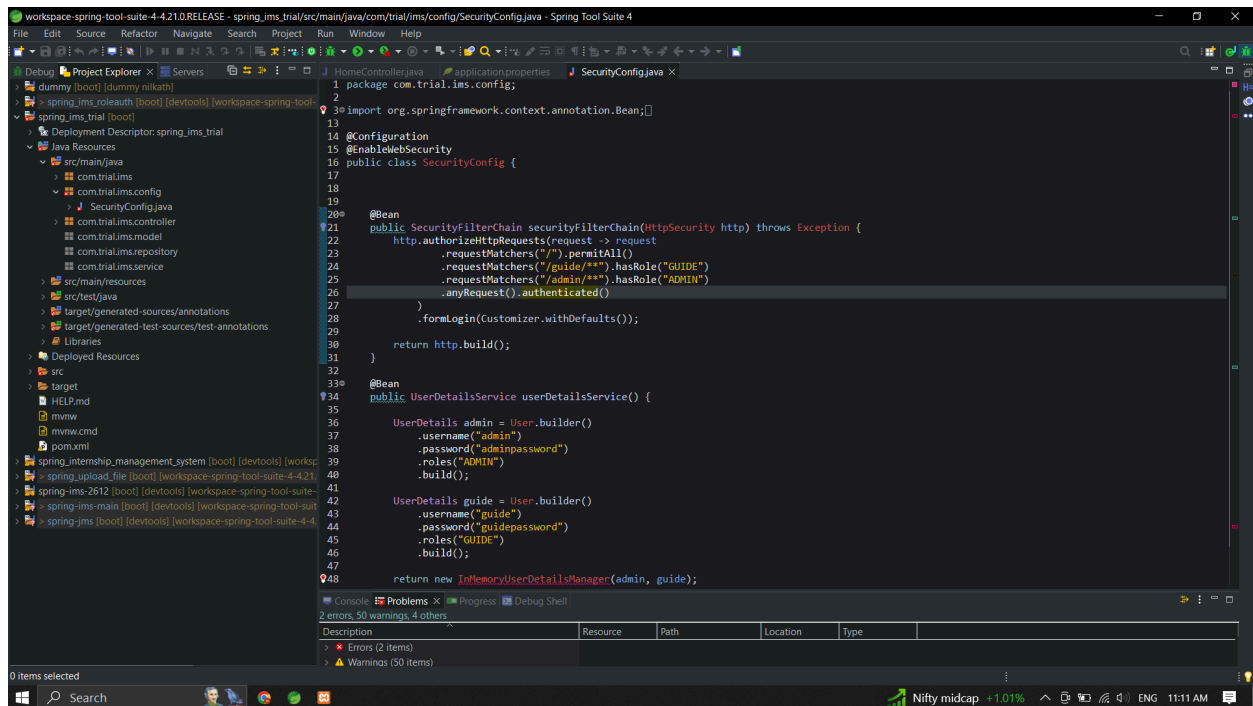
Next Week Plan	<ul style="list-style-type: none"> ● Planning to implement Spring Security in the project, specifically for super admin, admin and guide for now.
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References:

<https://www.codejava.net/frameworks/spring-boot/spring-boot-security-authentication-with-jpa-hibernate-and-mysql>

<https://www.youtube.com/watch?v=EN4Ldo4lZqY>

SCREEN SHOTS :



IMS Admin Panel

localhost:8080/bisag/admin/admin_dashboard

Incognito

Log in - HackerRank

CodeChef Login

MixKit

Practice | GeeksforG...

Mongo Atlas

My Doctor My Cons...

Ocean of Games

OpenAI API

Get Into PC

ClipDrop

GitHub

Leetcode

BISAG-N

Search

Interns

Intern Applications

Approved Intern Applications

Manage Interns

Group Management

Create Group

Manage Group

Guide Allocation

Guide

Admin

Dashboard

Home / Dashboard

145

Admins

264

Guides

1244

Interns

Total Admins

10 entries per page

Search...

#	Customer	Product	Price	Status
#2457	Brandon Jacob	At praesentium minu	\$64	Approved
#2147	Bridie Kessler	Blanditiis dolor omnis similique	\$47	Pending
#2049	Ashleigh Langosh	At recusandae consectetur	\$147	Approved
#2644	Angus Grady	Ut voluptatem id earum et	\$67	Rejected
#2644	Raheem Lehner	Sunt similique distinctio	\$165	Approved

Search

25°C Haze

ENG 11:13 AM

Admin Registration Form

localhost:8080/bisag/admin/register_admin

Incognito

Log in - HackerRank

CodeChef Login

MixKit

Practice | GeeksforG...

Mongo Atlas

My Doctor My Cons...

Ocean of Games

OpenAI API

Get Into PC

ClipDrop

GitHub

Leetcode

BISAG-N

Search

Interns

Guide

Admin

Create Admin

Manage Admin

Register Admin

Admin / Register Admin

Enter Credentials

Name

Location

Contact

Email

Submit

Designed by Group-24RH4

Search

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ENG 11:14 AM

Admin List

localhost:8080/bisag/admin/admin_list

Login - HackerRank

CodeChef Login

MixKit

Practice | GeeksforG...

Mongo Atlas

My Doctor My Cons...

Ocean of Games

OpenAI API

Get Into PC

ClipDrop

GitHub

Leetcode

BISAG-N

Interns

Guide

Admin

Create Admin

Manage Admin

Manage Admin

Admin / Manage Admin

Datatables

10

entries per page

Search...

ID	Name	Location	Email	Contact	Actions
3	Nandu	New Building	nilkanth7704@gmail.com	9316277803	<div>Details</div> <div>Update</div> <div>Delete</div>
8	Nilkanth Patel	New Building	nilkanth4077@gmail.com	9316277803	<div>Details</div> <div>Update</div> <div>Delete</div>
11	Nilkanth Patel	New Building	nilkanth407@gmail.com	9316277803	<div>Details</div> <div>Update</div> <div>Delete</div>

Showing 1 to 3 of 3 entries

spring workspace main - spring_internship_management_system/src/main/java/com/rh4/services/UserDetailsService.java - Spring Tool Suite 4

File Edit Source Refactor Navigate Search Project Run Window Help

Debug

Project Explorer

Servers

MyUserDetails.java

User.java

com.rh4.models

com.rh4.repositories

com.rh4.services

AdminService.java

EmailSenderService.java

GroupService.java

GuideService.java

InternService.java

UserDetailsService.java

src/main/resources

static

templates

admin

admin_dashboard.html

admin_list_detail.html

admin_list.html

admin_registration.html

allocate_guide.html

approved_intern_application_detail.html

approved_interns.html

create_group.html

guide_list_detail.html

guide_list.html

guide_registration.html

intern_application_detail.html

intern_application.html

InternRegistration.html

update_admin.html

update_guide.html

intern

index.html

internapply.html

login.html

application.properties

src/test/java

package com.rh4.services;

import org.springframework.beans.factory.annotation.Autowired;

@Service

public class UserDetailsService implements UserDetailsService {

@Autowired

private UserRepo userRepository;

@Override

public UserDetails loadUserByUsername(String username) throws UsernameNotFoundException {

User user = userRepository.getUserByUsername(username);

if (user == null)

{

throw new UsernameNotFoundException("Could not find the user");

}

return new MyUserDetails(user);

}

Console

spring_internship_management_system - SpringIntershipManagementSystemApplication [Spring Boot App] C:\sts-4.14.0.RELEASE\plugins\org.eclipse.just\openjdkhotspotjre.full.win32.x86_64.17.0.2.v20220201-1208\jre\

Page 5

spring workspace main - spring_internship_management_system/src/main/java/com/rh4/entities/MyUserDetails.java - Spring Tool Suite 4

```
1 package com.rh4.entities;
2
3 import java.util.Arrays;
4 import java.util.Collection;
5
6 import org.springframework.security.core.GrantedAuthority;
7 import org.springframework.security.core.authority.SimpleGrantedAuthority;
8 import org.springframework.security.core.userdetails.UserDetails;
9
10 public class MyUserDetails implements UserDetails {
11
12     private User user;
13
14
15     public MyUserDetails(User user) {
16         super();
17         this.user = user;
18     }
19
20     public User getUser() {
21         return user;
22     }
23
24     public void setUser(User user) {
25         this.user = user;
26     }
27
28     @Override
29     public Collection<? extends GrantedAuthority> getAuthorities() {
30         SimpleGrantedAuthority authority = new SimpleGrantedAuthority(user.getRole());
31         return Arrays.asList(authority);
32     }
33
34     @Override
35     public String getPassword() {
36         return user.getPassword();
37     }
38
39     @Override
40     public boolean isAccountNonExpired() {
41         return true;
42     }
43
44     @Override
45     public boolean isAccountNonLocked() {
46         return true;
47     }
48
49     @Override
50     public boolean isCredentialsNonExpired() {
51         return true;
52     }
53
54     @Override
55     public boolean isEnabled() {
56         return true;
57     }
58 }
```

Console X
spring_internship_management_system - SpringInternshipManagementSystemApplication (Spring Boot App) C:\sts-4.14.0.RELEASE\plugins\org.eclipse.just\openjdk.hotspot.jre.full.win32.x86_64.17.0.2.v20220201-1208\rele...

spring workspace main - spring_internship_management_system/src/main/java/com/rh4/SecurityConfig.java - Spring Tool Suite 4

```
1 import org.springframework.context.annotation.Configuration;
2 import org.springframework.security.config.annotation.web.builders.HttpSecurity;
3 import org.springframework.security.config.annotation.web.configuration.EnableWebSecurity;
4 import org.springframework.security.config.annotation.web.configuration.WebSecurityConfigurerAdapter;
5 import org.springframework.security.crypto.bcrypt.BCryptPasswordEncoder;
6 import org.springframework.security.crypto.password.PasswordEncoder;
7 import org.springframework.security.web.SecurityFilterChain;
8
9 import com.rh4.services.UserDetailsServiceImp1;
10
11 import static org.springframework.security.config.Customizer.*;
12
13 @Configuration
14 @EnableWebSecurity
15 public class SecurityConfig {
16
17     @Bean
18     PasswordEncoder passwordEncoder() {
19         return new BCryptPasswordEncoder();
20     }
21
22     @Bean
23     public UserDetailsService userDetailsService() {
24         return new UserDetailsServiceImp1();
25     }
26
27     @Bean
28     public SecurityFilterChain securityFilterChain(HttpSecurity http) throws Exception {
29
30         http.authorizeHttpRequests((request) -> request
31             .requestMatchers("/").permitAll()
32             .requestMatchers("/bisag/admin/**").permitAll()
33             .requestMatchers("/bisag/guide/**").hasRole("GUIDE")
34             .requestMatchers("/bisag/intern/**").hasRole("INTERN")
35             .anyRequest().authenticated()
36         )
37         .formLogin(withDefaults());
38
39         return http.build();
40     }
41 }
```

Console X
spring_internship_management_system - SpringInternshipManagementSystemApplication (Spring Boot App) C:\sts-4.14.0.RELEASE\plugins\org.eclipse.just\openjdk.hotspot.jre.full.win32.x86_64.17.0.2.v20220201-1208\rele...