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 :
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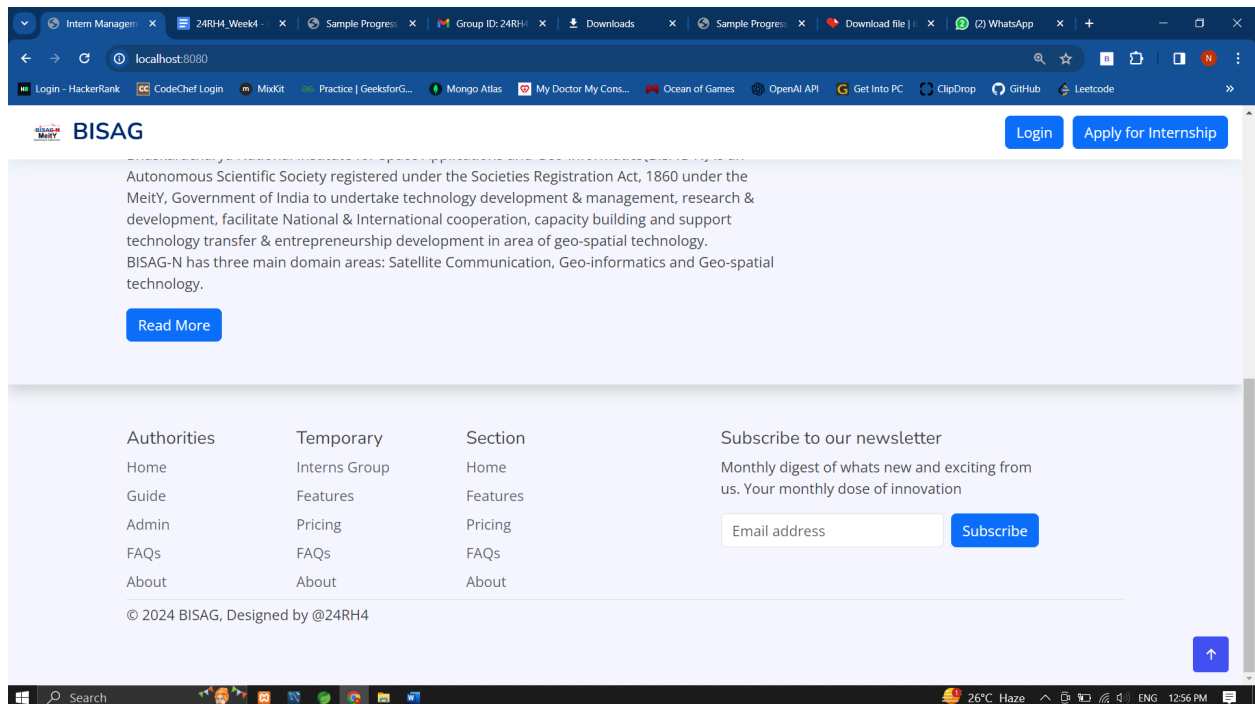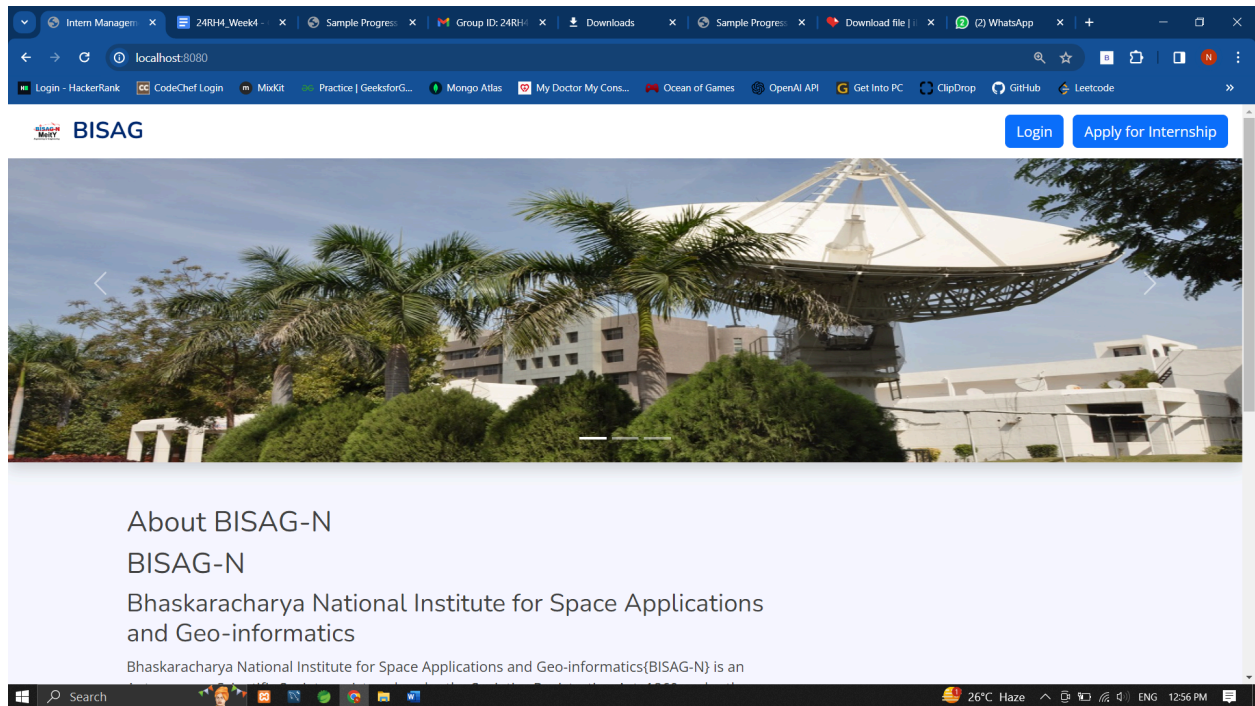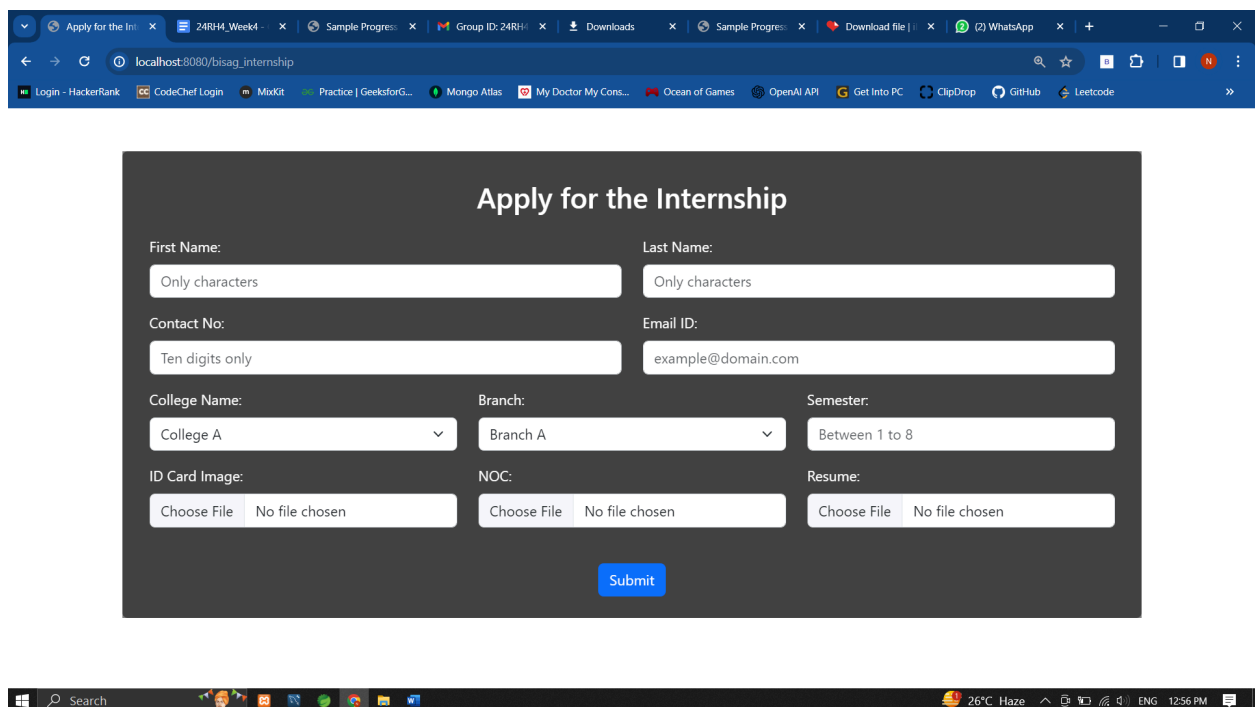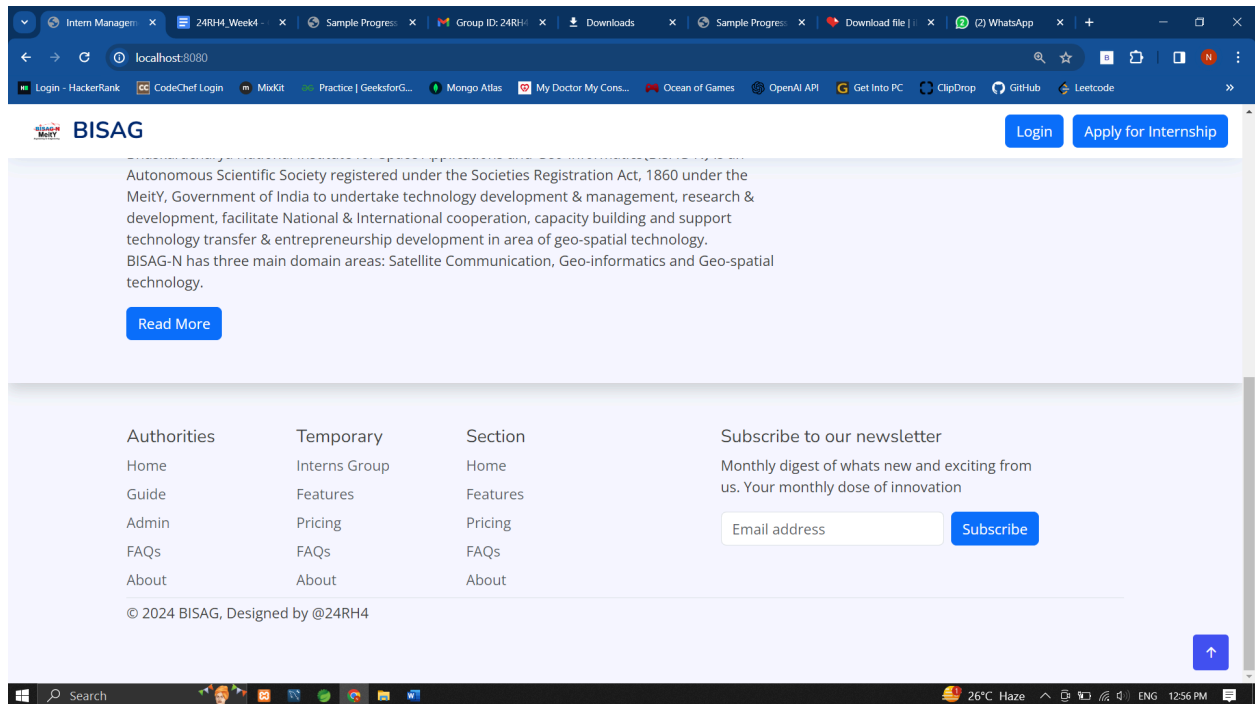**COLLEGE GUIDE EMAIL. :**
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COLLEGE NAME :
DHARMSINH DESAI UNIVERSITY

05/01/2024	● **Worked on front end in various pages. (NILKANTH PATEL & KRISHNA CHAPLA & ROHIT PRAJAPATI)**
06/01/2024	● **Worked on front end in various pages. (NILKANTH PATEL & KRISHNA CHAPLA & ROHIT PRAJAPATI)**
07/12/2024	**Holiday (Sunday)**
08/01/2024	● **Implemented group creation of interns.** **(KRISHNA CHAPLA & NILKANTHKUMAR PATEL)** ● **Worked on the Guide section in the admin dashboard. (ROHITKUMAR PRAJAPATI)**
09/01/2024	● **Solved error occurred due to changes in the project and discussed with rakesh sir.** **(KRISHNA CHAPLA & NILKANTH PATEL & ROHITKUMAR PRAJAPATI)**
10/01/2024	● **Working on guide allocation process. (KRISHNA CHAPLA & NILKANTHKUMAR PATEL)** ● **Working on front end providing dummy forms and tables as per need.(ROHITKUMAR PRAJAPAT)**
11/01/2024	● **Working on conflicts occurred during the guide allocation process(Krishna chapla, Nilkanth Patel)** ● **Working on front end.(Rohit Prajapati)** ● **(HALF DAY LEAVE)(ROHITKUMAR PRAJAPATI)**

Next Week Plan	● **Complete Guide allocation process and decide message passing techniques.**

SCREEN SHOTS :

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```java
222        return "redirect:/bisag/admin/intern_application/approved_interns";
223    }
224
225    //Group Creation///////////////////////////////////////////
226
227    @GetMapping("/create_group")
228    public ModelAndView groupCreation()
229    {
230        ModelAndView mv = new ModelAndView();
231        List<InternApplication> intern = internService.getInternApplication();
232        mv.addObject("interns", intern);
233        mv.setViewName("admin/create_group");
234        return mv;
235    }
236    @PostMapping("/create_group_details")
237    public String createGroup(@RequestParam("selectedInterns") List<Long> selectedInterns) {
238
239        System.out.println("Selected Intern IDs: " + selectedInterns);
240
241
242
243        //generate group id
244        String id = generateGroupId();
245        group.setGroupId(id);
246        groupService.registerGroup(group);
247
248        //register those intern
249        for (Long internId : selectedInterns) {
250            Optional<InternApplication> internApplicationOptional = internService.getInternApplication(internId);
251
252            if (internApplicationOptional.isPresent()) {
253                InternApplication internApplication = internApplicationOptional.get();
254                internApplication.setGroupCreated(true);
255                internService.addInternApplication(internApplication);
256
257                // Create an Intern object using a constructor or a factory method
258                Intern intern = new Intern(
259                        internApplication.getFirstName(),
```

```
<terminated> spring_internship_management_system - SpringInternshipManagementSystemApplication [Spring Boot App] C:\sts-4.14.0.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.2...
Description:
```

```java
30        this.emailService = emailService;
31    }
32
33    //----------------------------------- Guide registration -----------------------------------//
34
35    @GetMapping("/register_guide")
36    public String registerGuide()
37    {
38        return "admin/guide_registration";
39    }
40
41    @PostMapping("/register_guide")
42    public String registerGuide(@ModelAttribute("guide") Guide guide)
43    {
44        guideService.registerGuide(guide);
45        emailService.sendSimpleEmail(
46                guide.getEmailId(),
47                "Notification: Appointment as Administrator\r\n"
48                + "\r\n"
49                + "Dear " + guide.getName() + "\r\n"
50                + "\r\n"
51                + "I trust this email finds you well. We are pleased to inform you that you have been appointed as an administrator within our o
52                + "\r\n"
53                + "As an administrator, you now hold a position of responsibility within the organization. We trust that you will approach your
54                + "\r\n"
55                + "It is imperative to recognize the importance of your role and the impact it may have on the functioning of our team. We have
56                + "\r\n"
57                + "We would like to emphasize the importance of maintaining the highest standards of integrity and ethics in your role. It is ex
58                + "\r\n"
59                + "Should you have any questions or require further clarification regarding your new responsibilities, please do not hesitate to
60                + "\r\n"
61                + "Once again, congratulations on your appointment as an administrator. We look forward to your continued contributions and succ
62                + "\r\n"
63                + "Best regards,\r\n"
64                + "\r\n"
65                + "Your Colleague,\r\n"
66                + "Administrator\r\n"
67                + "1231231231",
68                "BISAG ADMINISTRATIVE OFFICE"
```

```
<terminated> spring_internship_management_system - SpringInternshipManagementSystemApplication [Spring Boot App] C:\sts-4.14.0.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.2...
Description:
```

```java
//------------------------------------------- Guide List -------------------------------------------//

@GetMapping("/guide_list")
public ModelAndView guideList()
{
    ModelAndView mv = new ModelAndView("admin/guide_list");
    List<Guide> guides = guideService.getGuide();
    mv.addObject("guides", guides);
    return mv;
}
@GetMapping("/guide_list/{id}")
public ModelAndView guideList(@PathVariable("id") long id)
{
    System.out.println("id"+id);
    ModelAndView mv = new ModelAndView();
    Optional<Guide> guide = guideService.getGuide(id);
    mv.addObject("guide",guide);
    mv.setViewName("admin/guide_list_detail");
    return mv;
}

@PostMapping("/guide_list/ans")
public String guideListRedirect()
{
    System.out.println("iddd");

    return "redirect:/bisag/admin/guide_list";
}

//------------------------------------------- Guide Update -------------------------------------------//

@GetMapping("/update_guide/{id}")
public ModelAndView updateGuide(@PathVariable("id") long id) {
    ModelAndView mv = new ModelAndView("admin/update_guide");
    Optional<Guide> guide = guideService.getGuide(id);
    mv.addObject("guide", guide.orElse(new Guide()));
//  adminService.deleteAdmin(id);
    return mv;
```

Console
`<terminated> spring_internship_management_system - SpringInternshipManagementSystemApplication [Spring Boot App] C:\sts-4.14.0.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.2.v`
Description:

```java
    }

//------------------------------------------- Guide Update -------------------------------------------//

@GetMapping("/update_guide/{id}")
public ModelAndView updateGuide(@PathVariable("id") long id) {
    ModelAndView mv = new ModelAndView("admin/update_guide");
    Optional<Guide> guide = guideService.getGuide(id);
    mv.addObject("guide", guide.orElse(new Guide()));
//  adminService.deleteAdmin(id);
    return mv;
}

@PostMapping("/update_guide/{id}")
public String updateGuide(@ModelAttribute("guide") Guide guide, @PathVariable("id") long id) {
    Optional<Guide> existingGuide = guideService.getGuide(guide.getGuideId());

    if (existingGuide.isPresent()) {
        // If the admin exists, update its properties
        Guide updatedGuide = existingGuide.get();
        updatedGuide.setName(guide.getName());
        updatedGuide.setLocation(guide.getLocation());
        updatedGuide.setFloor(guide.getFloor());
        updatedGuide.setLabNo(guide.getLabNo());
        updatedGuide.setContactNo(guide.getContactNo());
        updatedGuide.setEmailId(guide.getEmailId());

        // Save the updated guide entity
        guideService.updateGuide(updatedGuide);

        // Send email notification for the guide's update
        emailService.sendSimpleEmail(
            updatedGuide.getEmailId(),
            "Notification: Guide Information Updated" + "\r\n\r\n" +
            "Dear " + updatedGuide.getName() + ",\r\n\r\n" +
            "We want to inform you that your guide information has been successfully updated. Please review the changes made:\
            + "Name: " + updatedGuide.getName() + "\r\n"
            + "Location: " + updatedGuide.getLocation() + "\r\n"
```

Console
`<terminated> spring_internship_management_system - SpringInternshipManagementSystemApplication [Spring Boot App] C:\sts-4.14.0.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.2.v`
Description:

Browser - localhost:8080/bisag/admin/guide_list

ID	Name	Location	Floor	Lab No	Email ID	Contact No	Actions
1	Nilkanth Patel	New Building	40	403	nilkanth4077@gmail.com	9316277803	Details Update Delete

Register Guide

Spring Tool Suite 4 — GuideController.java

```java
                updatedGuide.setEmailId(guide.getEmailId());

                // Save the updated guide entity
                guideService.updateGuide(updatedGuide);

        // Send email notification for the guide's update
        emailService.sendSimpleEmail(
                updatedGuide.getEmailId(),
                "Notification: Guide Information Updated" + "\r\n\r\n" +
                "Dear " + updatedGuide.getName() + ",\r\n\r\n"
                    + "We want to inform you that your guide information has been successfully updated. Please review the changes made:\
                    + "Name: " + updatedGuide.getName() + "\r\n"
                    + "Location: " + updatedGuide.getLocation() + "\r\n"
                    + "Floor: " + updatedGuide.getFloor() + "\r\n"
                    + "Lab Number: " + updatedGuide.getLabNo() + "\r\n"
                    + "Contact Number: " + updatedGuide.getContactNo() + "\r\n"
                    + "Email: " + updatedGuide.getEmailId() + "\r\n\r\n"
                    + "Thank you for keeping your information up-to-date.\r\n\r\n"
                    + "Best regards,\r\n\r\n"
                    + "BISAG-N Administration Team",
                    "BISAG ADMINISTRATIVE OFFICE"
        );


        }
        return "redirect:/bisag/admin/guide_list";
    }

//----------------------------------- Guide Update Completed -----------------------------------//

//----------------------------------- Guide List Completed -----------------------------------//

    // Delete Guide
    @PostMapping("/guide_list/delete/{id}")
    public String deleteAdmin(@PathVariable("id") long id) {
        guideService.deleteGuide(id);
        return "redirect:/bisag/admin/guide_list";
    }
}
```