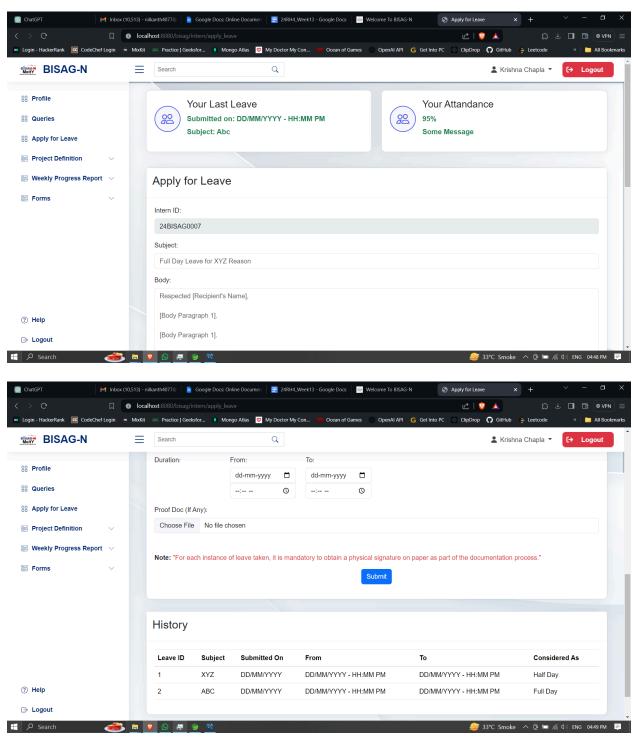| PROJECT NAME	Intern Management System

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

08/03/2024	**Holiday (Maha Shivratri)**
09/03/2024	**Holiday (Even Saturday)**
10/03/2024	**Holiday (Sunday)**
11/03/2024	● **Made APIs to replace reports for the guide and the intern side. (KRISHNA CHAPLA)** ● **Full Day Leave. (NILKANTH PATEL)** ● **Designed weekly report details pages in the guide and intern section. (ROHIT PRAJAPATI)**
12/03/2024	● **Made APIs for the admin side to manage final reports. (KRISHNA CHAPLA)** ● **Integrated weekly report update APIs to intern and guide dashboard. (NILKANTH PATEL)** ● **Designed leave management pages in the admin section. (ROHIT PRAJAPATI)**
13/03/2024	● **Implemented APIs of form submission and management for each side. (KRISHNA CHAPLA)** ● **Designed leave application pages in the intern section and forms management page in admin side. (NILKANTH PATEL)** ● **Designed form submission pages in the intern section. (ROHIT PRAJAPATI)**
14/03/2024	● **Started learning and implementing report generation service for the admin side. (KRISHNA CHAPLA & NILKANTH PATEL)** ● **Started designing report generation pages in the admin section. (ROHIT PRAJAPATI)**

Next Week Plan	● **We will complete report generation for the admin side and start working on pending major changes.**

SCREEN SHOTS :

BISAG-N

Search

👤 Krishna Chapla ▾   Logout

- 88 Profile
- 88 Queries
- 88 Apply for Leave
- Project Definition
- Weekly Progress Report
- Forms

👥 **Status**

Final Report Submission

Group ID:
2024G006

Intern ID:
24BISAG0007

Final Report:
Choose File   No file chosen

Submit

⑦ Help
Logout

BISAG-N

Search

🔔   👤 Admin ▾   Logout

- 88 Dashboard
- 88 Queries
- Interns
- Guide
- Project Definition
- Weekly Progress Report

Manage Leave Applications

Intern ID	Name	Email	Group ID	Actions
24BISAG0003	Yash		2024G005	ⓘ
24BISAG0004	Shruti	shruti.bisag@gmail.com	2024G005	ⓘ
24BISAG0005	Krupali	krupali.bisag@gmail.com	2024G005	ⓘ
24BISAG0006	Nilkanth	nilkanth4077@gmail.com	2024G006	ⓘ
24BISAG0007	Krishna	krishna.bisag@gmail.com	2024G006	ⓘ
24BISAG0008	Rohit	rohit.bisag@gmail.com	2024G006	ⓘ
24BISAG0009	Sparsh	sparsh.bisag@gmail.com	2024G007	ⓘ
24BISAG0010	xyz	xyz@gmail.com	2024G008	ⓘ
24BISAG0011	abc	abc@gmail.com	2024G009	ⓘ
24BISAG0012	pqr	pqr@gmail.com	2024G009	ⓘ

Screenshot 1: Manage Forms

Browser tabs: ChatGPT | Inbox (10,513) - nilkanth4077@ | Google Docs: Online Document | 24RH4_Week13 - Google Docs | Welcome To BISAG-N | Manage Forms | +

URL: localhost:8080/bisag/admin/manage_forms

Bookmarks: Login - HackerRank | CodeChef Login | MixKit | Practice | Geeksfor... | Mongo Atlas | My Doctor My Con... | Ocean of Games | OpenAI API | Get Into PC | ClipDrop | GitHub | Leetcode | All Bookmarks

BISAG-N   Search   🔔 👤 Admin ▾   Logout

Sidebar: Dashboard | Queries | Interns | Guide | Project Definition | Weekly Progress Report

ID	firstName	Email	Registration Form	Security Form	ICard Form
24BISAG0003	Yash		Open Document	Open Document	Open Document
24BISAG0004	Shruti	shruti.bisag@gmail.com	Open Document	Open Document	Open Document
24BISAG0005	Krupali	krupali.bisag@gmail.com	Open Document	Open Document	Open Document
24BISAG0006	Nilkanth	nilkanth4077@gmail.com	Open Document	Open Document	Open Document
24BISAG0007	Krishna	krishna.bisag@gmail.com	Open Document	Open Document	Open Document
24BISAG0008	Rohit	rohit.bisag@gmail.com	Open Document	Open Document	Open Document
24BISAG0009	Sparsh	sparsh.bisag@gmail.com	Open Document	Open Document	Open Document
24BISAG0010	xyz	xyz@gmail.com	Open Document	Open Document	Open Document
24BISAG0011	abc	abc@gmail.com	Open Document	Open Document	Open Document
24BISAG0012	pqr	pqr@gmail.com	Open Document	Open Document	Open Document
24BISAG0013	hij	hij@gmail.com	Open Document	Open Document	Open Document
24BISAG0014	mno	mno@gmail.com	Open Document	Open Document	Open Document
24BISAG0015	first	first@gmail.com	Open Document	Open Document	Open Document
24BISAG0016	third	third@gmail.com	Open Document	Open Document	Open Document
24BISAG0017	second	second@gmail.com	Open Document	Open Document	Open Document

33°C Smoke   ENG 05:08 PM

Screenshot 2: Submit Forms

Browser tabs: ChatGPT | Inbox (10,513) - nilkanth4077@ | Google Docs: Online Document | 24RH4_Week13 - Google Docs | Welcome To BISAG-N | Submit Forms | +

URL: localhost:8080/bisag/intern/submit_forms

Bookmarks: Login - HackerRank | CodeChef Login | MixKit | Practice | Geeksfor... | Mongo Atlas | My Doctor My Con... | Ocean of Games | OpenAI API | Get Into PC | ClipDrop | GitHub | Leetcode | All Bookmarks

BISAG-N   Search   👤 Nilkanth Patel ▾   Logout

Sidebar: Profile | Queries | Apply for Leave | Project Definition | Weekly Progress Report | Forms | Help | Logout

Submit Forms
Forms / Submit Forms

Enter credentials

Registration Form:

[Choose File] No file chosen

Security Form:

[Choose File] No file chosen

ICard Form:

[Choose File] No file chosen

[Submit]

Designed by Group-24RH4

33°C Smoke   ENG 05:09 PM

First window — InternController.java:

```java
    }
@GetMapping("/final_report_submission")
public ModelAndView finalReportSubmission(HttpSession session, Model model) {

    ModelAndView mv = new ModelAndView("/intern/final_report_submission");
    String username = getUsername();
    Intern intern = getSignedInIntern();
    if (intern.getGroupEntity() != null) {
        mv.addObject("group", intern.getGroupEntity());
    } else {
        mv.addObject("group", null);
    }
    mv.addObject("intern", intern);
    return mv;

}

@PostMapping("/final_report_submission")
public String finalReportSubmission(MultipartHttpServletRequest req) throws IllegalStateException, IOException, Exception {
    Intern intern = getSignedInIntern();
    GroupEntity group = intern.getGroup();
    group.setFinalReport(uploadfile(req.getFile("finalReport"), "finalReport"));
    group.setFinalReportStatus("gpending");
    groupRepo.save(group);
    return "redirect:/bisag/intern/final_report_submission";
}

public String uploadfile(MultipartFile file, String object) throws Exception, IllegalStateException, IOException {
    try {
        if (object == "projectDefinitionDocument") {
            File myDir = new File(projectDefinitionDocument);
            if (!myDir.exists())
                myDir.mkdirs();
            long timeadd = System.currentTimeMillis();

            if (!file.isEmpty()) {
                file.transferTo(Paths.get(myDir.getAbsolutePath(), timeadd + "_" + file.getOriginalFilename()));
                return timeadd + "_" + file.getOriginalFilename();
            } else {
```

Console:

```
spring_internship_management_system - SpringInternshipManagementSystemApplication [Spring Boot App] D:\Tools\sts-4.21.0.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.9.v20231028-0858\jre
Hibernate: select ia1_0.id,ia1_0.branch_name,ia1_0.college_name,ia1_0.completion_date,ia1_0.contact_number,ia1_0.email_id,ia1_0.final_status,ia1_0.first_name,ia1_0.g
2024-03-14T17:09:48.905+05:30  WARN 27048 --- [io-8080-exec-10] actStandardFragmentInsertionTagProcessor : [THYMELEAF][http-nio-8080-exec-10][intern/intern dashboard
```


Second window — InternController.java:

```java
    }
@PostMapping("/change_weekly_report/changed_report")
public String changeWeeklyReportSubmission(@RequestParam("weekNo") int weekNo, MultipartHttpServletRequest req)
        throws IllegalStateException, IOException, Exception {
    Intern intern = getSignedInIntern();
    GroupEntity group = intern.getGroup();
    WeeklyReport report = weeklyReportService.getReportByWeekNoAndGroupId(weekNo, group);
    CurrentWeekNo = weekNo;
    report.setSubmittedPdf(uploadfile(req.getFile("weeklyReportSubmission"), "weeklyReportSubmission"));
    MyUser user = myUserService.getUserByUsername(intern.getEmail());
    report.setReplacedBy(user);
    Date currentDate = new Date();
    // Check if the deadline is greater than or equal to the reportSubmittedDate
    if (report.getDeadline().compareTo(currentDate) >= 0) {
        // If the deadline is greater than or equal to the reportSubmittedDate, set the
        // status to "submitted"
        report.setStatus("submitted");
    } else {
        // If the deadline is less than the reportSubmittedDate, set the status to "late
        // submitted"
        report.setStatus("late submitted");
    }

    weeklyReportService.addReport(report);
    return "redirect:/bisag/intern/weekly_report_submission";
}

@GetMapping("/submit_forms")
public ModelAndView submitForms() {
    ModelAndView mv = new ModelAndView("intern/submit_forms");
    Intern intern = getSignedInIntern();
    mv.addObject("intern", intern);
    return mv;
}

@PostMapping("/submit_forms")
public String submitForms(MultipartHttpServletRequest req) throws IllegalStateException, IOException, Exception {
    Intern intern = getSignedInIntern();
    intern.setIcardForm(uploadfile(req.getFile("icardForm"), "icardForm"));
```

Console:

```
spring_internship_management_system - SpringInternshipManagementSystemApplication [Spring Boot App] D:\Tools\sts-4.21.0.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.9.v20231028-0858\jre
Hibernate: select ia1_0.id,ia1_0.branch_name,ia1_0.college_name,ia1_0.completion_date,ia1_0.contact_number,ia1_0.email_id,ia1_0.final_status,ia1_0.first_name,ia1_0.g
2024-03-14T17:09:48.905+05:30  WARN 27048 --- [io-8080-exec-10] actStandardFragmentInsertionTagProcessor : [THYMELEAF][http-nio-8080-exec-10][intern/intern dashboard
```

First screenshot - GuideController.java:

```java
269    @GetMapping("/guide_pending_final_reports")
270    public ModelAndView guidePendingFinalReports(HttpSession session, Model model)
271    {
272        ModelAndView mv = new ModelAndView("/guide/guide_pending_final_reports");
273        Guide guide = getSignedInGuide();
274        List<GroupEntity> groups = groupService.getGPendingFinalReports(guide);
275        mv.addObject("groups", groups);
276        return mv;
277    }
278
279    @PostMapping("/guide_pending_final_reports/ans")
280    public String guidePendingFinalReports(@RequestParam("gpendingAns") String gpendingAns,@RequestParam("groupId") String groupId)
281    {
282
283        GroupEntity group = groupService.getGroup(groupId);
284        if(gpendingAns.equals("approve"))
285        {
286            group.setFinalReportStatus("gapproved");
287        }
288        else
289        {
290            group.setFinalReportStatus("pending");
291        }
292        groupRepo.save(group);
293        return "redirect:/bisag/guide/guide_pending_final_reports";
294    }
295    private String changeWeeklyReport(MultipartFile file, GroupEntity group) {
296
297        try {
298            File myDir = new File(weeklyReportSubmission + "/"+ group.getGroupId());
299            if(!myDir.exists())
300            {
301                myDir.mkdirs();
302            }
303            if(!file.isEmpty())
304            {
305                file.transferTo(Paths.get(myDir.getAbsolutePath(), group.getGroupId() + "_week_" + CurrentWeekNo + ".pdf"));
306                return group.getGroupId() + "_week_" + CurrentWeekNo + ".pdf";
307            }
308        else
```

Console:
```
Hibernate: select ia1_0.id,ia1_0.branch_name,ia1_0.college_name,ia1_0.completion_date,ia1_0.contact_number,ia1_0.email_id,ia1_0.final_status,ia1_0.first_name,ia1_0.g
2024-03-14T17:09:48.905+05:30  WARN 27048 --- [io-8080-exec-10] actStandardFragmentInsertionTagProcessor : [THYMELEAF][http-nio-8080-exec-10][intern/intern dashboar
```

Second screenshot - AdminController.java:

```java
678
679    @GetMapping("/manage_forms")
680    public ModelAndView manageForms() {
681        ModelAndView mv = new ModelAndView("/admin/manage_forms");
682        List<Intern> interns = internService.getInterns();
683        mv.addObject("interns", interns);
684        return mv;
685    }
686
687    @GetMapping("/admin_pending_final_reports")
688    public ModelAndView adminPendingFinalReports() {
689        ModelAndView mv = new ModelAndView("/admin/admin_pending_final_reports");
690        List<GroupEntity> groups = groupService.getAPendingFinalReports();
691        mv.addObject("groups", groups);
692        return mv;
693    }
694
695    @PostMapping("/admin_pending_final_reports/ans")
696    public String adminPendingFinalReports(@RequestParam("apendingAns") String apendingAns,
697            @RequestParam("groupId") String groupId) {
698        ModelAndView mv = new ModelAndView("/admin/admin_pending_final_reports");
699        GroupEntity group = groupService.getGroup(groupId);
700        if (apendingAns.equals("approve")) {
701            group.setFinalReportStatus("approved");
702        } else {
703            group.setFinalReportStatus("pending");
704        }
705        groupRepo.save(group);
706        return "redirect:/bisag/admin/admin_pending_final_reports";
707    }
708
709    @GetMapping("/manage_leave_applications")
710    public ModelAndView manageLeaveApplications() {
711        ModelAndView mv = new ModelAndView("/admin/manage_leave_applications");
712        List<Intern> interns = internService.getInterns();
713        mv.addObject("interns", interns);
714        return mv;
715    }
716
717    @GetMapping("/manage_leave_applications_details/{id}")
```

Console:
```
Hibernate: select ia1_0.id,ia1_0.branch_name,ia1_0.college_name,ia1_0.completion_date,ia1_0.contact_number,ia1_0.email_id,ia1_0.final_status,ia1_0.first_name,ia1_0.g
2024-03-14T17:09:48.905+05:30  WARN 27048 --- [io-8080-exec-10] actStandardFragmentInsertionTagProcessor : [THYMELEAF][http-nio-8080-exec-10][intern/intern dashboar
```