



BHASKARACHARYA NATIONAL INSTITUTE FOR SPACE APPLICATIONS AND GEO-INFORMATICS

WEEKLY PROGRESS REPORT (08/03/2024 – 14/03/2024)

WEEK 14

PROJECT NAME	Intern Management System
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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	<ul style="list-style-type: none"> ● 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	<ul style="list-style-type: none"> ● 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	<ul style="list-style-type: none"> ● 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	<ul style="list-style-type: none"> ● 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	<ul style="list-style-type: none"> ● We will complete report generation for the admin side and start working on pending major changes.
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SCREEN SHOTS :

BISAG-N

Search

Krishna Chapla Logout

Your Last Leave
Submitted on: DD/MM/YYYY - HH:MM PM
Subject: Abc

Your Attendance
95%
Some Message

Apply for Leave

Intern ID:
24BISAG0007

Subject:
Full Day Leave for XYZ Reason

Body:
Respected [Recipient's Name],
[Body Paragraph 1].
[Body Paragraph 1].

Help Logout

BISAG-N

Search

Krishna Chapla Logout

Duration:

From: dd-mm-yyyy To: dd-mm-yyyy

Proof Doc (If Any):
Choose File No file chosen

Note: "For each instance of leave taken, it is mandatory to obtain a physical signature on paper as part of the documentation process."

Submit

History

Leave ID	Subject	Submitted On	From	To	Considered As
1	XYZ	DD/MM/YYYY	DD/MM/YYYY - HH:MM PM	DD/MM/YYYY - HH:MM PM	Half Day
2	ABC	DD/MM/YYYY	DD/MM/YYYY - HH:MM PM	DD/MM/YYYY - HH:MM PM	Full Day

Help Logout

ChatGPT

Inbox (10,513) - nilkanth4077@

Google Docs: Online Document

24RH4_Week13 - Google Docs

Welcome To BISAG-N

Final Report Submission

localhost:8080/bisag/interm/final_report_submission

Login - HackerRankCodeChef LoginMixKitPractice | Geeksfor...Mongo AtlasMy Doctor My Con...Ocean of GamesOpenAI APIGet Into PCClipDropGitHubLeetcodeAll Bookmarks

BISAG-N

Search

Krishna Chapla

Logout

Profile

Queries

Apply for Leave

Project Definition

Weekly Progress Report

Forms

Help

Logout

Status

Final Report Submission

Group ID:

2024G006

Intern ID:

24BISAG0007

Final Report:

Choose FileNo file chosen

Submit

Search

33°C Smoke

ENG 04:49 PM

ChatGPT

Inbox (10,513) - nilkanth4077@

Google Docs: Online Document

24RH4_Week13 - Google Docs

Welcome To BISAG-N

Manage Leave Application

localhost:8080/bisag/admin/manage_leave_applications

Login - HackerRankCodeChef LoginMixKitPractice | Geeksfor...Mongo AtlasMy Doctor My Con...Ocean of GamesOpenAI APIGet Into PCClipDropGitHubLeetcodeAll Bookmarks

BISAG-N

Search

Admin

Logout

Dashboard

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	

Search

33°C Smoke

ENG 05:07 PM

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

localhost:8080/bisag/admin/manage_forms

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

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

Search | 33°C Smoke | ENG 05:08 PM

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

localhost:8080/bisag/intern/submit_forms

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

Profile

Queries

Apply for Leave

Project Definition

Weekly Progress Report

Forms

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

Help | Logout

Search | 33°C Smoke | ENG 05:09 PM

```
workspace-spring-tool-suite-4-4.21.0.RELEASE - spring_internship_management_system/src/main/java/com/rh4/controllers/InternController.java - Spring Tool Suite 4
File Edit Source Refactor Source Navigate Search Project Run Window Help

Project Explorer
spring_internship_management_system (boot) [d]
  src/main/java
    com.rh4
      AdminController.java
      GuideController.java
      HomeController.java
      InternController.java
      SuperAdminController.java
      WebSocketController.java
    com.rh4.entities
    com.rh4.models
    com.rh4.repositories
    com.rh4.services
  src/main/resources
    static
      templates
        admin
        fragments
        guide
        intern
          apply_leave.html
          change_weekly_report.html
          final_report_submission.html
          intern_dashboard.html
          intern_info_form.html
          project_definition.html
          query.html
          submit_forms.html
          weekly_report_submission.html
        super_admin
          index.html
          internapply.html
          login.html
          msg.html
          under_process_application.html
      application.properties
    iRE System Library [JavaSE-17]
    Maven Dependencies

final_report_submission.html
InternController.java
319
320
321 @GetMapping("/final_report_submission")
322 public ModelAndView finalReportSubmission(HttpSession session, Model model) {
323     ModelAndView mv = new ModelAndView("/intern/final_report_submission");
324     String username = getUsername();
325     Intern intern = getSignedInIntern();
326     if (intern.getGroupEntity() != null) {
327         mv.addObject("group", intern.getGroupEntity());
328     } else {
329         mv.addObject("group", null);
330     }
331     mv.addObject("intern", intern);
332     return mv;
333 }
334
335 @PostMapping("/final_report_submission")
336 public String finalReportSubmission(MultipartHttpServletRequest req) throws IllegalStateException, IOException, Exception {
337     Intern intern = getSignedInIntern();
338     GroupEntity group = intern.getGroup();
339     group.setFinalReport(uploadFile(req.getFile("finalReport"), "finalReport"));
340     group.setFinalReportStatus("pending");
341     groupRepo.save(group);
342     return "redirect:bisag/intern/final_report_submission";
343 }
344
345 public String uploadFile(MultipartFile file, String object) throws Exception, IllegalStateException, IOException {
346     try {
347         if (object == "ProjectDefinitionDocument") {
348             File myDir = new File(projectDefinitionDocument);
349             if (!myDir.exists()) {
350                 myDir.mkdirs();
351                 long timeadd = System.currentTimeMillis();
352                 if (!file.isEmpty()) {
353                     file.transferTo(Paths.get(myDir.getAbsolutePath(), timeadd + "_" + file.getOriginalFilename()));
354                     return timeadd + "_" + file.getOriginalFilename();
355                 } else {
356                     ...
357                 }
358             }
359         }
360     }
361 }

Console
spring_internship_management_system - SpringInternshipManagementSystemApplication [Spring Boot App] D:\Tools\sts-4.21.0.RELEASE\plugins\org.eclipse.jst.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.f
2024-03-14T17:09:48.905+05:30 WARN 27048 --- [io-8080-exec-10] actStandardFragmentInsertionTagProcessor : [THYMELEAF][http-nio-8080-exec-10]intern/intern dashboard
```

```
workspace-spring-tool-suite-4-4.21.0.RELEASE - spring_internship_management_system/src/main/java/com/rh4/controllers/InternController.java - Spring Tool Suite 4
File Edit Source Refactor Source Navigate Search Project Run Window Help

Project Explorer
spring_internship_management_system (boot) [d]
  src/main/java
    com.rh4
      AdminController.java
      GuideController.java
      HomeController.java
      InternController.java
      SuperAdminController.java
      WebSocketController.java
    com.rh4.entities
    com.rh4.models
    com.rh4.repositories
    com.rh4.services
  src/main/resources
    static
      templates
        admin
        fragments
        guide
        intern
          apply_leave.html
          change_weekly_report.html
          final_report_submission.html
          intern_dashboard.html
          intern_info_form.html
          project_definition.html
          query.html
          submit_forms.html
          weekly_report_submission.html
        super_admin
          index.html
          internapply.html
          login.html
          msg.html
          under_process_application.html
      application.properties
    iRE System Library [JavaSE-17]
    Maven Dependencies

final_report_submission.html
InternController.java
260
261 @PostMapping("/change_weekly_report/changed_report")
262 public String changeWeeklyReportSubmission(@RequestParam("weekNo") int weekNo, MultipartHttpServletRequest req)
263     throws IllegalStateException, IOException, Exception {
264     Intern intern = getSignedInIntern();
265     GroupEntity group = intern.getGroup();
266     WeeklyReport report = weeklyReportService.getReportByWeekNoAndGroupId(weekNo, group);
267     CurrentWeekNo = weekNo;
268     report.setSubmittedPdf(uploadFile(req.getFile("weeklyReportSubmission"), "weeklyReportSubmission"));
269     MyUser user = myUserService.getUserByUsername(intern.getEmail());
270     report.setReplacedBy(user);
271     Date currentDate = new Date();
272     // Check if the deadline is greater than or equal to the reportSubmittedDate
273     if (report.getDeadline().compareTo(currentDate) >= 0) {
274         // If the deadline is greater than or equal to the reportSubmittedDate, set the
275         // status to "submitted"
276         report.setStatus("submitted");
277     } else {
278         // If the deadline is less than the reportSubmittedDate, set the status to "late
279         // submitted"
280         report.setStatus("late submitted");
281     }
282     weeklyReportService.addReport(report);
283     return "redirect:bisag/intern/weekly_report_submission";
284 }
285
286 @GetMapping("/submit_forms")
287 public ModelAndView submitForms() {
288     ModelAndView mv = new ModelAndView("/intern/submit_forms");
289     Intern intern = getSignedInIntern();
290     mv.addObject("intern", intern);
291     return mv;
292 }
293
294 @PostMapping("/submit_forms")
295 public String submitForms(MultipartHttpServletRequest req) throws IllegalStateException, IOException, Exception {
296     Intern intern = getSignedInIntern();
297     intern.setIcardForm(uploadFile(req.getFile("icardForm"), "icardForm"));
298     ...
299 }

Console
spring_internship_management_system - SpringInternshipManagementSystemApplication [Spring Boot App] D:\Tools\sts-4.21.0.RELEASE\plugins\org.eclipse.jst.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.f
2024-03-14T17:09:48.905+05:30 WARN 27048 --- [io-8080-exec-10] actStandardFragmentInsertionTagProcessor : [THYMELEAF][http-nio-8080-exec-10]intern/intern dashboard
```

workspace-spring-tool-suite-4.4.21.0.RELEASE - spring_internship_management_system/src/main/java/com/rh4/controllers/GuideController.java - Spring Tool Suite 4

```
269e @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
279e @PostMapping("/guide_pending_final_reports/ans")
280 public String guidePendingFinalReports(@RequestParam("gpendingAns") String gpendingAns, @RequestParam("groupId") String groupId)
281 {
282     GroupEntity group = groupService.getGroup(groupId);
283     if(gpendingAns.equals("approve"))
284     {
285         group.setFinalReportStatus("approved");
286     }
287     else
288     {
289         group.setFinalReportStatus("pending");
290     }
291     groupRepo.save(group);
292     return "redirect:/bisag/guide/guide_pending_final_reports";
293 }
294
295e 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     }
309     else
310     {
311         return null;
312     }
313 }
```

spring_internship_management_system - SpringIntershipManagementSystemApplication (Spring Boot App) D:\Tools\sts-4.21.0.RELEASE\plugins\org.eclipse.jst.j2ee.openjdk.hotspot.jre.full.win32.x86_64.17.0.9.v20231028-0858\jre

Hibernate: select ial_0.id,ial_0.branch_name,ial_0.college_name,ial_0.completion_date,ial_0.contact_number,ial_0.email_id,ial_0.final_status,ial_0.first_name,ial_0.f

2024-03-14T17:09:48.905+05:30 WARN 27048 --- [io-8080-exec-10] actStandardFragmentInsertionTagProcessor : [THYMELEAF][http-nio-8080-exec-10]intern/intern dashboard

Writeable Smart Insert 1:1:0

33°C Smoke ENG 05:13 PM

workspace-spring-tool-suite-4.4.21.0.RELEASE - spring_internship_management_system/src/main/java/com/rh4/controllers/AdminController.java - Spring Tool Suite 4

```
679e @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
687e @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
695e @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
709e @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
717e @GetMapping("/manage_leave_applications_details/{id}")
718 }
```

spring_internship_management_system - SpringIntershipManagementSystemApplication (Spring Boot App) D:\Tools\sts-4.21.0.RELEASE\plugins\org.eclipse.jst.j2ee.openjdk.hotspot.jre.full.win32.x86_64.17.0.9.v20231028-0858\jre

Hibernate: select ial_0.id,ial_0.branch_name,ial_0.college_name,ial_0.completion_date,ial_0.contact_number,ial_0.email_id,ial_0.final_status,ial_0.first_name,ial_0.f

2024-03-14T17:09:48.905+05:30 WARN 27048 --- [io-8080-exec-10] actStandardFragmentInsertionTagProcessor : [THYMELEAF][http-nio-8080-exec-10]intern/intern dashboard

Writeable Smart Insert 1:1:0

33°C Smoke ENG 05:14 PM