



**BHASKARACHARYA NATIONAL INSTITUTE FOR SPACE  
APPLICATIONS AND GEO-INFORMATICS**

**WEEKLY PROGRESS REPORT (23/06/2025 – 29/06/2025)**

**WEEK 9**

**PROJECT NAME**

**INTEGRATED HUMAN RESOURCE OPTIMIZATION  
AND SYNAPTIC WORKFLOW SYSTEM**

**PROJECT DESCRIPTION :**

**HR OPTIMIZATION SYSTEM THAT STREAMLINES  
OPERATIONS AND ENHANCES EFFICIENCY.**

**GROUP MEMBER :**

**Anant Agarwal, Abhishek kumar**

**GROUP ID :**

**2025G080**

**GROUP GUIDE :**

**SIDHDHARTH PATEL**

**GROUP COORDINATOR :**

**SIDHDHARTH PATEL**

**COLLEGE GUIDE NAME :**

**SANJAY BHANDARI**

**COLLEGE GUIDE No. :**

**92144 13242**

**COLLEGE GUIDE EMAIL. :**

**SANJAYBHANDARI@JIETJODHPUR.AC.IN**

**COLLEGE NAME :**

**JODHPUR INSTITUTE OF ENGINEERING &  
TECHNOLOGY**

23/06/2025	<ul style="list-style-type: none"> <li>Completed the core functionalities of the Leave Management System, including leave request, approval, and tracking. (Anant Agarwal)</li> <li>Resolved initial navigation and form validation issues in the leave application workflow. (Abhishek Kumar)</li> </ul>
24/06/2025	<ul style="list-style-type: none"> <li>Integrated leave type configurations and implemented role-based access to leave records. (Anant Agarwal)</li> <li>Tested and corrected form-level validation messages and leave balance logic. (Abhishek Kumar)</li> </ul>
25/06/2025	<ul style="list-style-type: none"> <li>Absent (Anant Agarwal)</li> <li>Absent (Abhishek Kumar)</li> </ul>
26/06/2025	<ul style="list-style-type: none"> <li>Connected the leave module to existing employee and manager dashboards, enabling seamless navigation. (Anant Agarwal)</li> <li>Improved UI responsiveness and fixed minor edge-case issues in leave application. (Abhishek Kumar)</li> </ul>
27/06/2025	<ul style="list-style-type: none"> <li>Performed module-wide testing for leave workflows including multi-role access. (Anant Agarwal)</li> <li>Removed outdated methods and optimized backend queries for leave history. (Abhishek Kumar)</li> </ul>
28/06/2025	Holiday(Second Saturday)
29/06/2025	Holiday(Sunday)

Next Week Plan	Prepare the Leave Management System module for deployment after final round of integration testing.
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## REFERENCE:

- <https://www.geeksforgeeks.org/reactjs-introduction/>
- <https://www.baeldung.com/spring-boot-start>
- <https://www.freecodecamp.org/news/learn-react-in-1-hour/>
- <https://www.youtube.com/watch?v=9cKY6xvIU3g>
- <https://www.youtube.com/watch?v=LZrDjVZVgHc>

## SCREEN SHOTS :

BISAG-N HRMS

Dashboard
Department Overview
Pending Signup Requests
Manage Holidays
Add Role
Add Department
Logout

HR Dashboard

Key Metrics

Total Employees

14

On Leave Today

1

Approved Leaves

0

Pending Leaves

0

Manage Roles

Add Role

ID	ROLE NAME
1	HR
2	director
3	EMPLOYEE
5	PROJECT_MANAGER
6	ASSISTANT_DIRECTOR
7	SUPPORT
8	INTERN

Manage Departments

Add Department

ID	DEPARTMENT NAME
1	Defence
2	Software
3	Standardization
4	GIS (Geographic Information Systems)
5	Setcom (Satellite and Communication)
6	Admin (Administration)
7	HR
8	Java

BISAG-N HRMS

Dashboard
Apply for Leave
Leave Applications
Subordinates
Pending Leaves
Logout

BISAG-N Dashboard

Leave Balance Overview

Total Leave Balance (CL + EL)

Total Remaining

0

Casual Leave (CL)

Total Annual

5

Accrued This Year

0

Used

0.0

Remaining

0.0

Earned Leave (EL)

Total Annual

20

Carryover

0.0

Used First Half

10.0

Used Second Half

0.5

Remaining

0.0

Pending advance EL: 0.5 days. Total EL balance after approval: 9.5 days.

Paternity Leave (PL)

Total

15

Used

0.0

Remaining

15.0

Leave Without Pay (LWP)

Used

0.0

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