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CLASS NO: **Group 3 BIT level 2**

PROJECT NAME: HUMAN RESOURCE MANAGEMENT SYSTEM

1.Planning: Briefly is the process of recruiting, hiring, deploying and managing an organization's employees. HR Management system is an application that is used to manage Human resources (Employees), record their works, manage their positions and authorities, and manage their payments by generating their invoices, tracking their overtimes, advances and deductions. This system will help a lot in companies employees management and new hires handling.

2. Design The system is designed in a way that following stakeholders will act as following Manager as an Admin: - Add new employee/ admin/manager - Update users records - Record employee's daily work – Generate invoice for employees - Delete users - Create new login credentials for user.

The app allows managers to search through the list of employees. We are planning to make users(employee's) side of the app where they will be able to access the system, view their work status and ratings, record their over times, create their invoices then send to the managers for approval.

3. Development: at this stage there are different tools and technologies we used while developing this application:

- We have used NetBeans to develop this project Frontend.

- We have used Java swing to design and develop the frontend part of this project Backend

- On the backend part of this app we have used core java integrated with java swing to connect Backend and Frontend Database.

- The database used in this project is MySQL and we have used JDBS to connect to MySQL in our local computer (via xampp/ or manual installation of MySQL) - We have also used MySQL connector jar to connect to the Database.

4.Testing: at this application of Human Resource Management System Testing was made manually, no written tests or automated test but within a group of 5 people we tested for each edge case and make sure that the app worked like we expected. While testing we also discovered things that needs to be changed and we planned to work on that and adding new features as well.

5.Deployment We didn't deploy this app to the outside world, we have pushed our code to GitHub for us to collaborate. But we have learned different ways of deploying a java application and we are willing to deploy it anytime it may be needed