# HRMS
# Case Study

# Multitenant HRMS Product Development using Microservices

## Client Overview

The client is an HRMS company providing Human Resource Management functions and operations

## Business Requirements

- Design a product architecture incorporating multitenancy, customizability, scalability and security, having functionalities for various HR operations and integrating with external applications.

## Indium Solution

- The HRMS application was built leveraging Spring Boot for backend and Angular 4 for frontend.

- Implemented a multitenant microservices-based architecture to enable customization, faster synchronization and increased the scalability

- Developed customizable features for HRMS modules like Manpower Planning, Recruitment, On-boarding, Appraisal, Training, Exit etc.

- Integrated the system with applications like Payroll Processing, Employee Self-Service etc., using SSO

- Deployed the product on AWS with an RDS service for MySQL

## Business Impact

- Customer satisfaction: 40% increase in customer satisfaction from a single end-to-end product, incorporating all HRMS features

- Data integrity: Increased integrity of data due to the multitenancy architecture.

- Ease of use: 30% reduction in time and effort to customize components for each new tenant

## Tools

spring boot | A | MySQL | aws | RDS | RabbitMQ