

Business Requirement Document

Project Title: Employee Management System

Project Purpose: To create a database for managing employee data and a web service to retrieve employee data based on employee ID.

Background and Context The organization wants to create a system for managing employee data. This system should have a database for storing employee data and a web service to retrieve employee data based on the employee ID.

The primary business objectives of this project are as follows:

- a. To create a database for storing employee data.
- b. To create a web service for retrieving employee data based on employee ID.
- c. To ensure that the system is secure and reliable.

The business requirements for this project are as follows:

- a. The system should have a database table named "Employee" with three columns: EmployeeID, EmployeeName, and DateOfBirth.
- b. The system should have a web service that accepts an EmployeeID as input and returns the corresponding EmployeeName and DateOfBirth.
- c. The web service should return an error message if the EmployeeID is not found in the database.
- d. The system should be implemented using Java and Spring Boot.
- e. The system should be deployed on an application server such as Tomcat or WebLogic.

The constraints and assumptions for this project are as follows:

- a. The system should comply with the organization's security policies.
- b. The system should be developed using Java and Spring Boot.
- c. The system should be deployed on an application server such as Tomcat or WebLogic.
- d. The size of the log file should not exceed 1 MB.
- e. The system should be deployed using Jenkins.