

# **SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY**



## **Application Frameworks**

**Application Frameworks Project**

Technical Report

Group: WE-12(Xtreme)

## Introduction

This web application solution is designed for Human resources management of organization based on healthcare services. It is included with Employee management, Hospital and Department management.

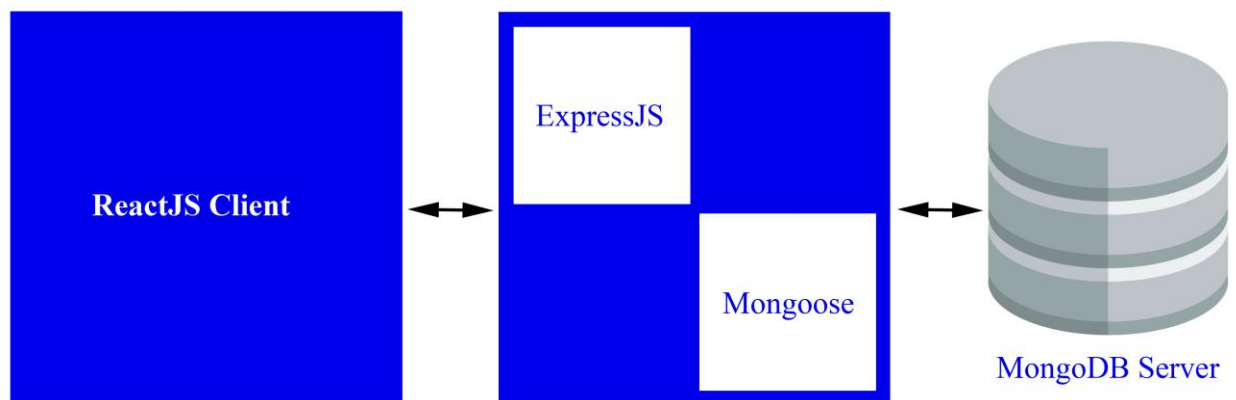
There are two user types, Standard users and Administrator users.

Administrator users can add, update and delete Employees, Hospitals and Departments.

Administrators can assign hospitals, departments and working shifts to employees and they are capable of granting leaves for any employees.

Standard users can view the records that are saved in the system. For an example standard users can view doctors that are available in the system.

## High-level Architecture diagram



*Figure 1 : High-level Architecture diagram*

## Class Structure

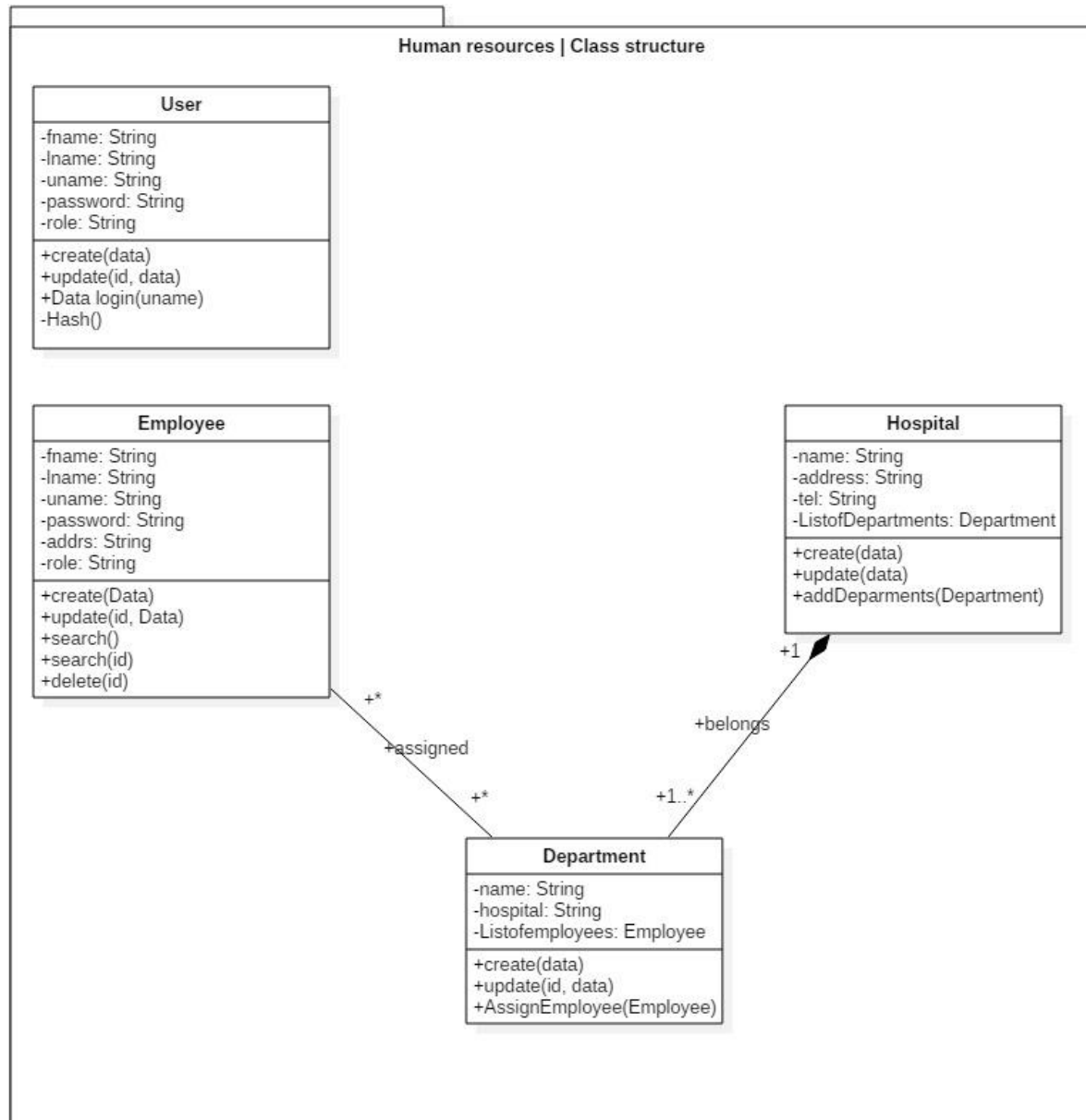


Figure 2: Class diagram

## Sequence diagram

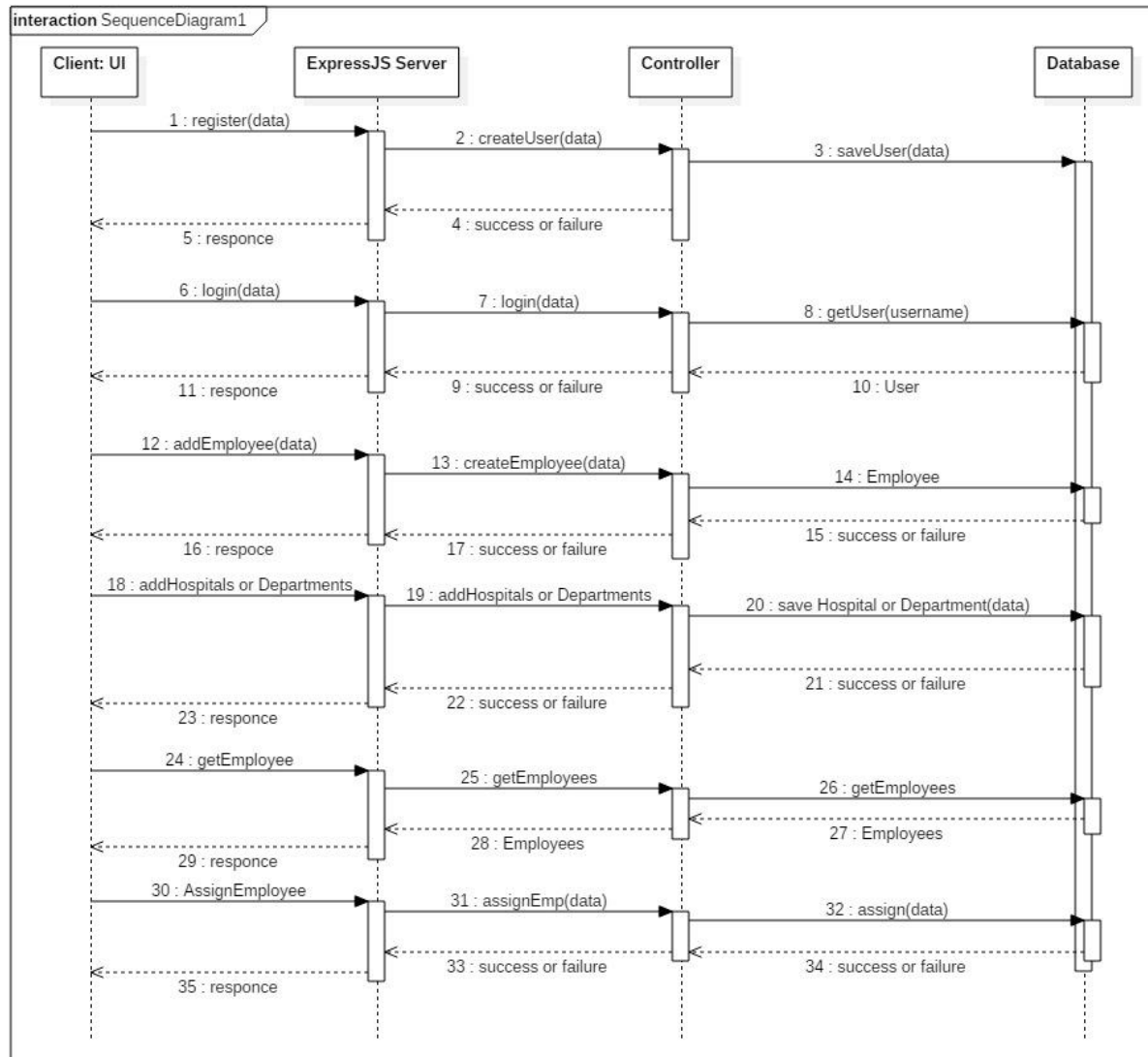


Figure 3: Sequence diagram of HR solution

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