

Institute of Industrial & Computer Management & Research, Nigdi

Academic Year 2020-2021

MCAI

Mini Project Synopsis

TITLE OF THE PROJECT: WEB CEMS

TEAM MEMBERS:

- 1. MONIKA
- 2. SHRIKANT YADAV
- 3. NEHA KATORE



O OABOUT THE EXISTING SYSTEM

THERE IS NO EXISTING SYSTEM WHERE AGENTS CAN MANAGE OR MONITOR TASKS OF CONSTRUCTION EMPLOYEES.

OUR AIM IS TO MAINTAIN A WEB-BASED SYSTEM WHERE AGENT CAN ADD EMPLOYEE AND ASSIGN THEM DIFFERENT SHIFTS, MAINTAIN THEIR SALARY, CANTEEN AND EVEN EMPLOYER CAN GIVE FEEDBACK OF CONSTRUCTION EMPLOYEES.

O NEED OF PROPOSED SYSTEM

- ❖ IT WILL BE EASY FOR AGENTS TO MAINTAIN RECORDS OF EMPLOYEES IN AN AUTOMATED FORM SO THAT IT WILL BE MORE EFFECTIVE TO MAINTAIN RECORDS.
- ❖ WITH THE HELP OF THIS WEB BASED SYSTEM AGENTS CAN MAINTAIN WAGES, CANTEEN AND TRANSPORT FACILITIES OF EMPLOYEES.
- ❖ EVEN EMPLOYERS CAN SEND FEEDBACK OF EMPLOYEES RELATED TO THEIR WORK PERFORMANCE ON FIELDS.

OBJECTIVES OF THE PROPOSED SYSTEM

- ❖ TO MAINTAIN THE DETAILS OF THE EMPLOYEE.
- **❖** TO ASSIGN TASKS AND SHIFTS TO EMPLOYEES.
- **❖** TO PROVIDE AND MANAGE CANTEEN FACILITIES.
- ❖ TO MANAGE WAGES OF EMPLOYEES ACCORDING TO THEIR SHIFTS AND EXTRA WORK DONE.
- TIMINGS.



WE ARE CREATING WEB-BASED SYSTEM TO ACCUMULATE THE RECORDS OF THE CONSTRUCTION SIDE EMPLOYEES AS THERE IS NO SUCH SYSTEM AVAILABLE. WITH THIS SYSTEM AGENT WILL BE ABLE TO GET ALL DETAILS OF EMPLOYEES LIKE: SHIFTS, CANTEEN FACILITIES AND WAGES IN ONE PLACE AND IT IS EASY-TO MAINTAIN.

SCOPE OF THE PROPOSED SYSTEM

- ❖ EMPLOYEES DETAILS MODULE: MAINTAIN OF EMPLOYEES DETAILS, INCLUDES WAGES AND TRANSPORT TIMINGS AS WELL.
- ❖ CANTEEN MODULE: IT WILL ASSIST AGENT TO MAINTAIN THE CANTEEN CHARGES. INCLUDES MONTHLY CHARGES, STOCK DETAILS, JOINING & DISCONTINUING MESS SERVICES AND BILLING.
- * FEEDBACK MODULE: EMPLOYERS WILL GIVE FEEDBACK ON EMPLOYEES WHO WORKED ON THEIR SITE. RATING IS ALSO INCLUDED.

Technology Description

Front End Language	HTML,CSS,JavaScript
Back End Language	JSP
Library	JDK
Tools	Eclipse
API	Google API
Framework	Spring
Database	Sql Server/Mysql

Hardware-Software Requirements

Client side requirements: Languages: HTML, Javascript

Software requirements: JRE (Java runtime environment)

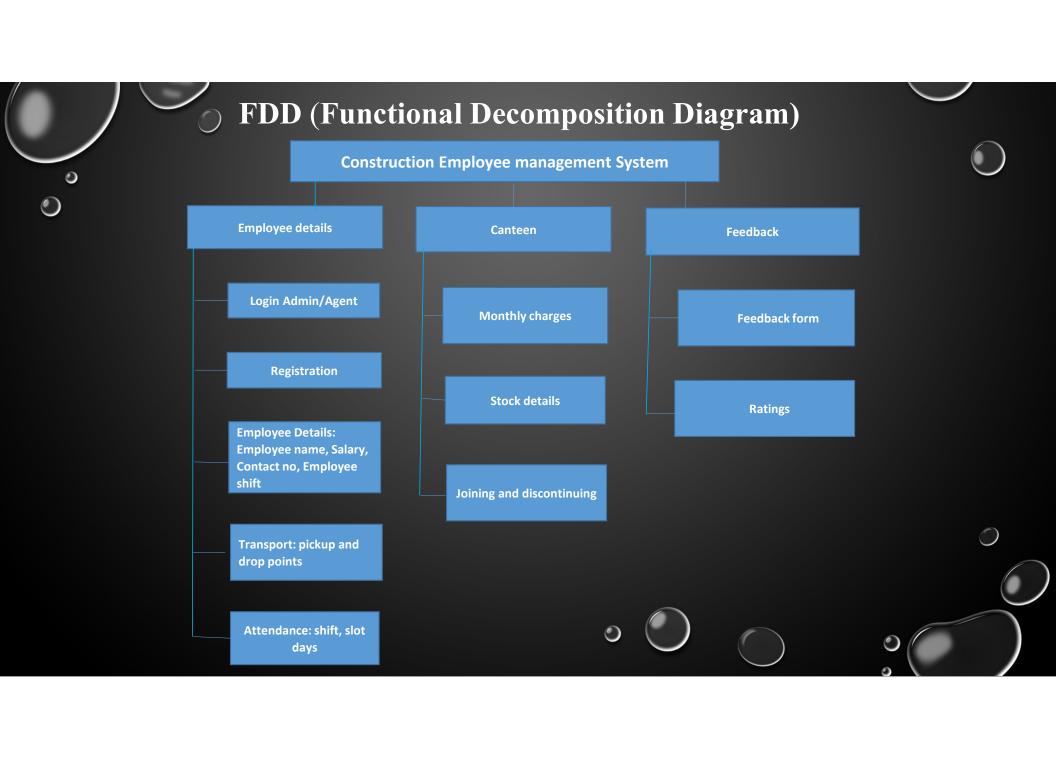
Server side requirements:Language: MySQL

Hardware requirements:

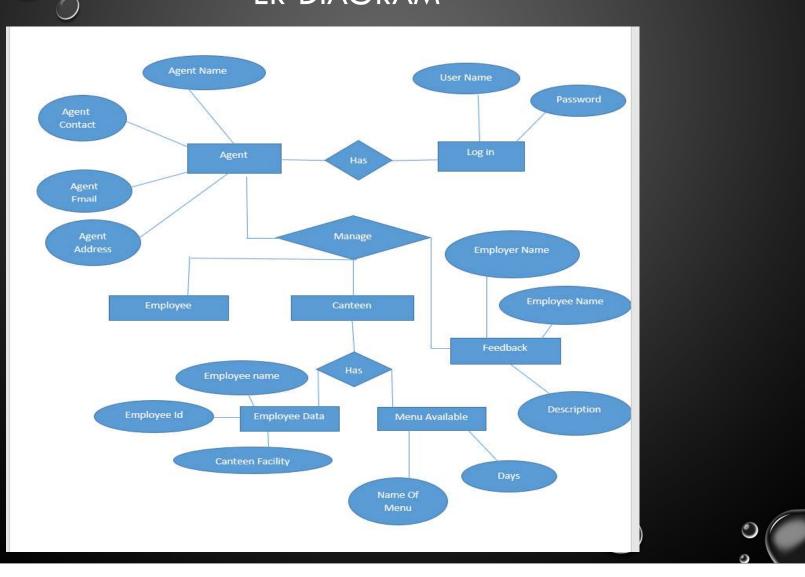
Processor	Dual core (minimum)	
RAM	1 GB (minimum)	
Hard disk	2 GB (minimum)	

EXPECTED GUI SCREENS

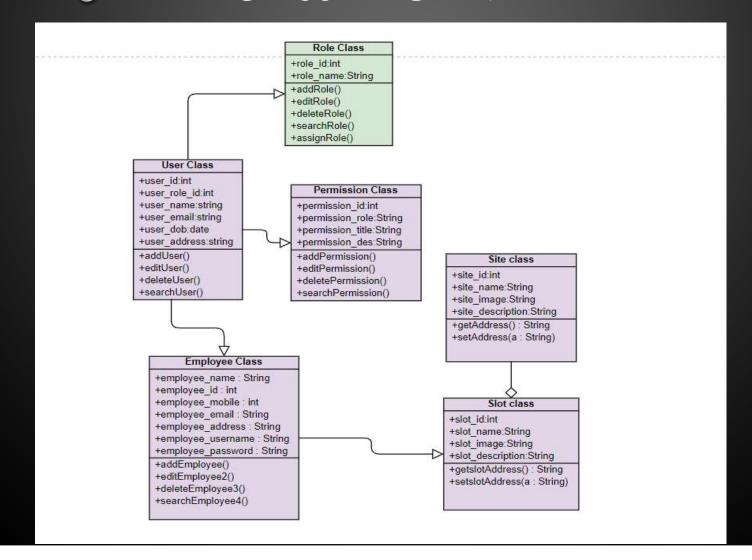
- HOME PAGE
- ADMIN\AGENT LOGIN
- AGENT REGISTRATION
- EMPLOYEES REGISTRATION
- EMPLOYEE LOGIN
- EMPLOYEES DETAILS
 - ADD, UPDATE, DELETE
- EMPLOYEE WAGES
- CANTEEN FACILITIES
- TRANSPORT
 - TIMINGS, SHIFTS\SLOTS, OVERTIME(OT)
- FEEDBACK



ER-DIAGRAM



CLASS DIAGRAM



USE CASE DIAGRAM

