

**ATSS's**  
**Institute of Industrial & Computer Management & Research, Nigdi**  
**Academic Year 2020-2021**  
**MCA I**  
**Mini Project Synopsis**

**Title of the Project : Web CEMS**

**Company/ Client Name & Contact Details (if any):**

**Details of Team Members**

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**About the Existing System:** There is no existing system where agents can manage or monitor tasks of constructor employees. Our aim is to maintain a web-based system where agent can add employee and assign them different shifts, their salary details, canteen and even employer can give feedback of constructor employees.

**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 attendance 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.
- To manage which employee is working on which site and their timings.

**Problem Statement :** 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 :

1. **Employees attendance module:** Day to day attendance monitoring and maintenance of employees, includes wages and transport timings as well.
2. **Canteen Module:** It will assist agent to maintain the canteen charges. Includes monthly charges, stock details, joining & discontinuing mess services and billing.
3. **Feedback Module:** Employers will give feedback on employees who worked on their site. Rating is also included.

### Technology Description

Front End Language	HTML,CSS
Back End Language	MySQL
Library	
Tools	Visual Studio Code
API	
Framework	
Database	Sql Server/Mysql

### Hardware-Software Requirements :

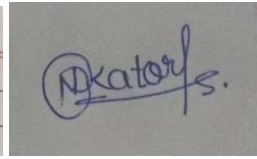
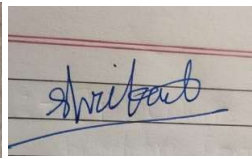
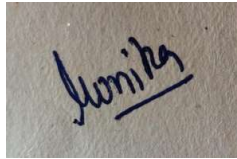
- **Software requirements:** JRE (Java runtime environment)
- **Hardware requirements:**

<b>Processor</b>	Dual core (minimum)
<b>RAM</b>	1 GB (minimum)
<b>Hard disk</b>	2 GB (minimum)

**Expected GUI Screens :**

- Home page
- Admin login
- Employees Registration
- Employee Login
- Employees details
  - Add, update, delete
- Employee Wages
- Canteen facilities
- Transport
  - Timings, shifts\slots, overtime(OT)
- Feedback

**Signature of the Student:**



**Signature of the Project Coordinator :**