CDAC Mumbai

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environment. It also includes other information related to system such as external interface requirements, features and other non - functional requirements.

**1.2 Product Scope**

Our project is targeted to reduce the cumbersome process of maintaining a physical register for attendance of mentors and help students to get guidance from mentors on the go. The Admin can view Mentors performance in graphical format and also this application will help students to ask questions and get answers even if mentors are not present themselves.

**1.3 References**

<https://angular.io/>

<https://material.angularjs.org/latest/>

<https://stackoverflow.com/>

<https://expressjs.com/>

<https://nodejs.org/en/>

**2. Overall Description**

**2.1 Product Perspective**

Generally in hotels waiter comes and collects the order on either notepad or tab. So they are not able to maintain their customer’s records and feedback about their food. Even the customer cannot track his/her order.

So this application will provide them all this facility. Customers can track his/her order and after ordering food in the meantime they can play a game, listen to music, etc. Also, a hotel owner can maintain a database of his customers and collect feedback from them. Then for payment, this application has two options – either customer can pay by cash or if the customer wants to pay through online then they can pay through the default payment gateway.

**2.2 Product Functions**

* The admin will be able to view customers records.
* The customer will be able to track his/her order.
* After ordering food in meantime they can play a game, listen to music.

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**2.3 User Classes and Characteristics**

**Admin**:

This person will be able to access all the functions of the system. This person can view Customers record, can add chef and tables of the student also can view

**Customer**:

Customer can view menu list, his order and time which is required for order delivery Customers will be able to give feedback for menus.

**Chef**:

This person can accept the order.

**2.4 Operating Environment**

* **Hardware platform:**
  1. Processor – Above Pentium 4, with clock speed of 2.0 GHz
  2. RAM – 1 GB or above
  3. Hard Disk – Free disk space of above 1 GB
* **Software platform:**
  1. Front-end: HTML, CSS, Bootstrap.
  2. Back-end: MySQL , Spring.
* **Supported tools:**
  1. Visual Code Studio, MySQL Workbench

**2.5 Design and Implementation Constraints**

**Constraints:**

1. The user interface is only in English. No other language option is available.

o The chef can log-in only with his assigned user-name and password.

o Limited to HTTP/HTTPS

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**2.6 User Documentation**

User documentation mainly comprises of Help menu of application. It will give all the minute details about the project, if any user has any query about any module or functionality, one can refer it and see how to operate the application. This report is the complete documentation of our project. It gives complete details about the project, its functionality, users, software used, hardware requirement, and environment and so on.

**2.7Assumptions and Dependencies**

* + Assumptions:
    - There is an active internet connection with the system.
    - The system has an internet browser installed
    - Users know the English language, as the user interface will be provided in English.
  + Dependencies:
    - There is a need for constant updating of records after each order.
    - Active participation from Chef for accepting the records.

1. **External Interface Requirements**

**3.1 User Interfaces**

The main element is web-pages using HTML, Angular Material. Multiple interfaces are

there like log-in pages, home pages of Student, Admin, Mentor, and also the Forum.Admin will

update excel sheet for marks and accordingly data will be persisted. Based on these marks and

the feedback provided by students, mentors performance would be evaluated in a graphical

format.

***4***