Low Level Document (LLD)

Restaurant Analysis

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Document Version Control

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3. **Introduction**
   1. **Why this Low-Level Design Document?**

The goal of LLD or a low-level design document (LLDD) is to give the internal logical design of the actual program code for Food Recommendation System. LLD describes the class diagrams with the methods and relations between classes and program specs. It describes the modules so that the programmer can directly code the program from the document.

* 1. **Scope**

Low-level design (LLD) is a component-level design process that follows a step-bystep refinement process. This process can be used for designing data structures, required software architecture, source code and ultimately, performance algorithms. Overall, the data organization may be defined during requirement analysis and then refined during data design work.

* 1. **Definitions**
* Web App – A website used for user interactions
* IDE – Integrated Development Environment
* AWS – Amazon Web Services
* Python – A programming Language
* Flask – A web framework of python programming language

1. **Test Cases**

* In India, the restaurant industry is booming. Currently, the Indian Restaurant Market is one of the most rapidly expanding in the globe. According to a survey by the National Restaurant Association of India (NRAI), the Indian restaurant industry is predicted to reach INR 5.99 lakh crore by 2022-23, rising at a compounded annual growth rate of 9 percent. Despite the difficulties and problems that restaurant owners have experienced in recent years, operating a restaurant in the near future would open the door to a slew of new chances for aspiring restaurant entrepreneurs.