Low Level Document (LLD)

Crime 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**

* We should analyse the crime happening in the Boston city.
* Perform various data visualization and analysis techniques and submit a detailed report such that the insights can directly be interpreted by officers and investigators in the field aiding them in their efforts to capture criminals and suppress criminal activity.