Low Level Document (LLD)

Financial Crime Analysis

Version Number: 1

Last Date of Revision: 25/05/2022

Document Version Control

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| **Date** | **Version** | **Description** | **Author** |
| 25/05/2022 | 1 | LLD Initial - V1.0 | Jay Prakash Bind |
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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**

There are 3 datasets mentioned here: alerts, transactions and accounts.

Accounts dataset: Contains the information about all the bank accounts whose transactions are monitored.

Alerts dataset: Contains the transactions which triggered an alert according to AML guidelines. Transactions dataset: Contains the list of all the transactions with information about sender and receiver accounts.

Perform detailed analysis using a given dataset present your finding for AML based on the dataset and also suggest ways to identify or mitigate financial crime.