Low Level Document (LLD)

EdTech Start-up Company 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**

* Perform ETL (Extract, Transform and Load) tasks to prepare the data for analysis purposes.
* Perform various data visualization and analysis techniques and submit a detailed report such that the insights can directly be interpreted by a business owner aiding him/her set-up a new profitable Ed-Tech business and become an industry leader.
* On the basis of the conclusions derived from your analysis, create a report on how Indian Ed-Tech companies can compete in international markets. Draw a comparison between Indian Ed-Techs and international Ed-Techs and analyze the pros and cons of both.