

# Customer DeDupe

told by **neocortex™**

## About Design

Fundamental Characteristics of our design are :-

1. Cloud First
2. Ployglot
3. Microservices Based Engines
4. Smart Work flow
5. Service Enablement using native tech stack capabilities of the library being used
6. Lightweight REST based Orchestration of services.
7. Ability to integrate 3rd party analytical apis
8. Standard contract for input and output across engines
9. Every engine only talks reads and writes the data to a common stage area
10. Smart naming convention to enable multi-tenancy and use of the common stage area without collision
11. Users have an ability to modify the intermediate output after the completion of any engine before it is picked up by the next engine.
12. Minimal or no configuration. Should work out of the box for the customers
13. Utmost importance to Security and Usability
14. Ability to restart or reprocess a particular task

All this without sacrificing the speed of development. We will use agile and would have weekly targets.

## Design Overview

