### Program Component Work Breakdown Structure

The program and its subordinate projects.

# Implementation Approach

The development process will be totally owned by the program office and its technical experts. The final integration, testing and implementation responsibility will be managed by the designated units under the program office. An administrative and technological environment will be setup with in the program office. Accordingly, the development approach will incorporate a number of insourcing and outsourcing alternatives for different components of the program with different levels of third party involvement. Therefore, it is expected that the technical experts shall first define the approach for each key component so that the development and integration process can be planned accordingly. Based on our assessment so far, there are some parts of the program that can be fully handled with the program office, outsourced to local private/government organizations, or outsourced to an international vendor. Designing the details of this approach beforehand, is crucial for the execution and final integration of individual components.

Accordingly, …

* **Establishing Stable System Architecture**
  + Modular
  + SEDA (Staged Event Driven Architecture) – MOSIP, AADHAAR
* **Developing and Integrating ID System Components**
  + Fully Local
    - ABIS – For Relatively Simpler Use (Authentication)
    - Demographic Data management
    - Registration / Enrolment
  + Local with external Consultancy / Support - MOSIP
    - Central Core Platform from Open Source Tech
    - Data Model and Implementation
    - Scalability and External Interfaces
    - Open Architecture
    - Security Infrastructure including encryption
  + External with one-time license
    - Server SW for performance and scalability
    - ABIS – For Moderate to Complex (Critical) use (Deduplication)