**Detailed Design**

1. **Introduction:**

The purpose of preparing this document is to explain complete design details of iAgro. This detailed design report will mainly contain the general definition and features of the project, design constraints, the overall system architecture and data architecture. Additionally, a brief explanation about our current progress and schedule of the project will be provided in related sections. Design of the system and subsystems/modules will be explained both verbally and visually by means of diagrams in order to help the programmer to understand all information stated in this document correctly and easily.

1. **Applicable documents:**

The documents used during detailed design are

* System Requirements Document
* System Design
* Database Design

1. **Structure of the software package** **:**

The Components are –

* Registration component for customers, sellers(farmers) and workers.
* Login component for customers, sellers, workers and administrators.
* Produce selling component for sellers.
* Product selling component for administrator.
* Produce purchase request component for customers.
* Product purchase component for sellers.
* Product purchase approval component for sellers.
* Product purchase report component for customer and administrator.
* Category, variety and item type setting components for administrator.

1. **Modular Decomposition Of Components:**

**4.1. Customer Component:**

**4.1.1. Structure chart for customer:**

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**4.2. Admin Component:**

**4.2.1. Structure chart for admin:**

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**4.3. Article Component:**

**4.3.1. Structure chart for article:**

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**4.4. Product Purchase Component:**

**4.4.1. Structure chart for Product purchase:**

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**4.5. Purchase Component:**

**4.5.1. Structure chart for purchase:**

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**4.6. Seller Component:**

**4.6.1. Structure chart for Seller:**

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**4.7. Settings Component:**

**4.7.1. Structure chart for Settings:**

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**4.1. Worker Component:**

**4.1.1. Structure chart for worker:**

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