**Requirements Phase**

* **Requirements Gathering**
  + **User Authentication: Login functionality for staff members**
  + **Staff Management: Track employees by role (Barista, Chef, Waiter, Cashier, Cleaner), contact information, and status (Active, Inactive, On Leave)**
  + **Inventory Management: Track quantities of supplies (currently showing items with quantities ranging from 20kg to 200 pieces)**
  + **Menu Management: Maintain food and beverage items with prices (ranging from ₹80 for bagels to ₹230 for tiramisu)**
  + **Promotional Offers: Implement special deals (coffee and pastry combo, buy-one-get-one offers, discounts)**
  + **Customer Interface: Design a welcoming front-end highlighting cafe features**
* **Requirements Analysis**
  + **Categorize requirements as functional and non-functional**
  + **Prioritize requirements based on business value**
  + **Identify dependencies between different system components**
  + **Resolve conflicts in requirements**
  + **Document detailed requirements specifications**
* **Requirements Validation**
  + **Review requirements with stakeholders**
  + **Prototype key interfaces**
  + **Verify that requirements are complete, consistent, and testable**
  + **Obtain formal approval of requirements before proceeding to design**

**By separating these phases, the development team can ensure a solid foundation before moving into the design and implementation stages of the cafe management system.**