Online Agri-Market

## Functional Requirements:

### System provides Registration Functionality:

Input: User details.

Output: User registered successfully.

Description: User details are validated and added to database.

### System provides Feature to Buy Goods:

Input: Search item.

Output: List of matched items.

Description: Item name is searched through database and all items with matching

Names are shown to buyer.

### System Provides Feature to Sell Goods:

Input: Details of item to be sold.

Output: "Successfully posted" message if details are valid.

Description: Item details are checked and stored in item's database.

### System Provides Feature To Contact Another User:

Input: User's credentials.

Output: User's contact information.

Description: User's contact information will be fetched from database.

### System Provides Feature To Get Details Of Rate:

Input: select commodity item.

Output: provides current rate of selected commodity item in local market.

Description: System displays current rate of selected item in local commodity

market.

### System Provides Feature To Edit Details:

Input: Enter updated details.

Output: Validate updated details of user.

Description: System provides editable page to user and when user provides updated

Details it will validate it and reflect them to database.

## Non-Functional Requirements:

### Security

Any user who uses the system shall have a valid phone number. No one can have access to other user's data.

### Performance

The system shall give rapid responses after checking the seller’s information.

### Maintainability

The system shall provide the capability to back-up the Data.

### Availability

The system shall be available all the time.

### Accessibility

The system is accessible by both sellers and buyers.

### Reliability

The data provided by the system will be correct. The system will work 7 days a week.

### Accuracy

The system will accurately provide real time information taking into consideration various concurrency issues.

### Efficiency

Even if the system fails, the system will be recovered using back up data in short period of

time.

### Usability

The system is user friendly and it being online makes it easy to use. The interface would be an Android Application.