

**Assignment: 02**

**Course Title: System analysis & Design**

**Submitted By: Submitted to:**

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# My Selected Idea: Farming Assistant Web Service.

**Project Description:**

A Web project to help farmers ensure greater profitability through direct farmer to supplier and farmer to farmer communication.  
This service boosts communication and brings transparency in the system. It has farmers and supplier’s to directly contact each other.

This innovative site allows for good farmer, retailer and supplier communication. It allows farmers to login and communicate to respective dealers. When dealers publish an advertisement or offer, the respective farmers get notified via SMS message. The farmers may also submit their greviences and complaints to respective dealers or authorities using their farmer login on a separate complaints page and authorities will get access to that page regularly using their login id and passwords. In this project all transaction will be directly.

**Raw Requirement:**

1. This will be a web-based system for “Farming assistant”.
2. Separate log-in areas with appropriated functionality for farmers, administrators and dealers/retailers/supplier.
3. A separate page where only farmers can post complaints and only assigned administrators can read and edit this page.
4. Pages where dealers/retailers/supplier may post their advertisement/offer.
5. Farmers are notified of these notifications via SMS whenever new ads are published.
6. All process/system control via administration.
7. All transaction will be directly/face to face.

**Software Requirement Specification (SRS):**

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| --- | --- | --- | --- | --- |
| **SRS-ID** | **SRS-Name** | **SRS-Description** | **SRS-Type** | **Priority** |
| FR-001 | Web-based system | There will be a web-based system for all Bangladeshi farmers. | Functional Requirement. | High |
| FR-002 | Registration | There will be two registration parts, for those persons who have national ID card and for those persons who doesn’t have National Id card number. | Functional Requirement. | High |
| FR-003 | Registration condition | Register must be providing his/her National Id card, if they have no National Id card, they must provide his/her birth certificate number and birth certificate blueprint. | Functional Requirement. | High |
| FR-004 | Find Notification. | Those persons who have an account, they will find all type of update via SMS whatever new advertisement/offer are published. It’s only for farmers. |  |  |
| FR-005 | Generate Report | Admin and specific person will to generate report if needed. | Functional Requirement. | Medium |
| FR-006 | Print Report | Admin and specific person will able to print report. | Functional Requirement | Medium |