



AgrowCulture

Members:

Mohammad Ittehad Rahman Sami, 200042131

Maliha Zaman, 200042114

Nazia Karim Khan Oishee, 200042137

Supervisor:

Nafisa Sadaf Hriti

Lecturer

CSE Department, IUT

Introduction

Agrowculture is a platform created to expand the exposure of the people working in the agricultural sector who work very hard but get very less return. On a single platform, Agrowculture connects these people with funders and customers. Connecting producers of food directly with mass is one of the major problems faced by the people of our country. Our website aims to positively impact the lives of 16.5 million families connected to agriculture in our country.

Agrowculture is going to be the solution of the traditional supply chain which is highly inefficient, unorganized and has a high rate of food wastage. Through our website we are eliminating intermediaries and our farmers will get better prices and consistent demand.

Agrowculture also enables Bangladesh agriculture financing. It offers an investment opportunity with attractive long term and short term investments. Anyone can connect through Agrowculture to help finance our farmers. This is a way to financial freedom along with lending a hand to make the farmers of our country get some exposure.

Motivation

Behind the inception of this project lies our determination to help the people of the agricultural sector in our country by providing them financial and substantial help. Throughout the project our core concern remains the same.

To help such people we came up with idea such that people looking for funding in this sector, can receive the funding from the investors, harvest their crops or farm their animals or farm fish in ponds and other such activity, return the products to us for sale from where the profit received by selling the products is split in such a way that the farmers get 50% of the profit, the investors get 20% of that and the company receives 30% in order for the company to run by itself.

Furthermore, if a farmer just wants to sell products, they can also do that.

This is our motive to help others and ourselves at the same time by being a junction point of the outer world with the hard-working world which is being shadowed by the corporate world.

Key Features

Our website focuses on building a bridge among distant farmers, agriculturists, investors and buyers. Our key features also revolve around this concept.

Firstly, everyone will have to create an account to avail the services of our website. So undoubtedly login/SignUp will be the very first feature a user will encounter. People will create their account by providing necessary information.

After creating an account everyone will be able to choose their field of concern . Each profile will have the chance to choose among our services every time they log in.

Primarily we would be building two major features of our website which are:

1. Funding - People working in the agricultural sector looking for financial help will be able to submit their plea through this section.They will provide their desired amount of money and other tools they are looking for and click a button to submit their request.

Their last activity will be stored so that when they log in next time they will be able to use the site as their previous version of themselves. This will be applicable to the other options as well.

2. Purchase - Finally buyers or customers will be able to buy products through our website. They will be able to choose products upon seeing the picture of products, add them to cart and buy them .

Primarily, we will be proposing cash on delivery. But if time allows us, then we would be working on other payment methods such as bkaash, rocket integration but as of now this will not be our prime focus.

Thus we will be able to form a connection between producers of food and customers.

In the later installments we will try to incorporate other two features which are-

3. Exposure - A working person may not need funding or any loan but could be searching for a reliable source to sell their products or a source to introduce their products to the general mass. Such people will be able to put their product on our website.

They will click pictures of their products and submit them to us. We will introduce these pictures of products to general people for the purpose of buying them.

4. Invest - There are many entrepreneurs both experienced and freshman who want to invest in the agriculture sector but are scared of losses. Some do not have a huge budget for a whole start up. They can start by investing their decent amount of money through our website. Such people will provide their transaction information and the amount they want to invest.

Thus after choosing what a user is searching for they will be able to avail that service by accepting our policies and terms.

Applications of the Project

Bangladesh is well known to be an agricultural country. Farmers play a vital role in our economy. But unfortunately resources and advantages provided to them are way too minimal. Through our website we intend to help them to grow. This remains as our prime focus. They will be able to get financial and substantial help from our website. When a farmer registers on Agrowculture, it takes information, along with location details and stores it on a database. For a buyer, it gives a view of available produce with produce info. It is as easy as a breeze to contact farmers, as their phone numbers are available on our website.

Buyers as in general mass looking for fresh, green products will find this place fulfilling their demand.

Along with the farmers, entrepreneurs looking for scope to invest will find our website a great medium to invest. Basically their investment will be provided to people by us. Here we will be playing the role of a joining medium. They will sign-up or register to select any farm to invest in. Once the invest has successfully completed the investor will receive a confirmation.

Tools to be used

The tools we are going to use for our project are

Frontend	HTML, CSS, JavaScript
Backend	JavaScript, PHP
Database	MySql

Project Timeline

Timeline for AgrowCulture														
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
Brainstorming														
Proposal Planning														
Basic Layout using CSS and JS syntax														
Login System using Database														
Backend code using raw JS														
Finishing the frontend using CSS														
Linking database and backed to frontend														
Bug Fixing and coverup for delayed work														

Signature of the supervisor