



Project Progress Report
Department of Management Informatics and Communication
Bachelor of Business Information System

To: The Project Coordinator, Department of Management Informatics and Communication

Supervisor: Narayan Niroula

Designation of the Supervisor

Signature of the Supervisor

From: Prashant Karki (Team Leader) (17)

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Abstract of the Project:

With the growing importance of online marketing, there is an opportunity to bring framers/sellers and customers closer through an online platform. Our project "Krishibzar" is to design and develop a website that will allow vegetable and fruit sellers to sell their product online by providing a direct link between vegetable and fruit seller and customers, eliminating intermediaries and reducing the cost of vegetables. Krishibzar will help farmers to increase customers base, reduce waste, and provide customers with a convenient way to purchase farmers produce. Krishibzar has two portals, one for farmers and another one for buyers to create an account on the platform as well as for login after creating an account. The farmers/buyers have to register (basic details) on the portal following which a verification of phone number and email is done by the system to verify the legal documents. We don't want any random person uploading and the quality of the products on site. The farmer can insert his product, edit profile, change password, update/edit his product details and delete the product from the portal via the Website. On the other hand, once the buyer is registered and logged in, he gets access and can buy all the products put up by the various farmers according to his choice. If a buyer has a preference of any location, from where he desires his product to emerge from, he can search the products on the basis of location (state and district), thereby implementing the filter system. He can search the products categorically according to his preference. The proposed methodology involves research, development using latest web development technologies and frameworks and testing before launching the website. This project will solely be using HTML, PHP, CSS, BOOTSTRAP, and JS with its libraries and runtime environment.

Objectives of the Project:

The main objective of the project is:

1. To design and implement a user-friendly ecommerce website for selling fruits and vegetables.
2. To improve the efficiency of sales and distribution by leveraging digital technology.
3. To provide direct link between vegetable and fruit seller/farmers and customers, eliminating intermediaries or middlemen.
4. To allow farmers/sellers to upload their products with images, descriptions, price and location on the platform which will enable customers to browse and purchase products online.
5. Buyers can search the products on the basis of location (state and district), and price(sorting), thereby implementing the filter system
6. To help farmers expand their customers base, increase sales and reduce waste and cost.

The specific objectives of the projects are as follows:

7. The farmer can insert his product, update/edit his product details via the website.
8. The farmer can track all his previous transactions in his account on the website.
9. Both the farmer and buyer can edit profile as well as change password if the forgot or want to change.
10. Buyers can search the products on the basis of the location (state and district) implementing the filter system which is provided.
11. Buyers can pay off the products which he buys on online mode using(E-sewa and Khalti) or can pay after the delivery of products (Cash On Delivery).

Accomplishments:

1. Project Initiation:

- Started a project with the orientation with supervisor and team mates of the project, download xampp, visual studio code for coding using (PHP, CSS, HTML etc) and creation of database in MySQL server name “krishibzar”.
- Design of SRS which helped the project as a starting plan for the project.
- Create a log book to record all the things done and meet with the supervisor to discuss and get ideas of the project.
- Design a test case document which includes test steps, test data, prerequisites, title, sub-title, expected results, actual results, pass/fail/not executed/suspended and notes/remarks that verify requirements.
- Design of the analysis document which is the essential things required for the project assigned by the supervisor.

2. Design and development:

- Completed the design of the UI following the guidelines and feedback of the supervisor.
- Completed creation of database name “krishibzar” to store the necessary data which includes tables:
 - ❖ buyer registration (`buyer_id`, `buyer_name`, `buyer_phone`, `buyer_addr`, `buyer_mail`, `buyer_username`, `buyer_password`)
 - ❖ farmer registration (`farmer_id`, `farmer_name`, `farmer_phone`, `farmer_address`, `farmer_state`, `farmer_district`, `farmer_password`)
 - ❖ cart (`product_id`, `phonenummer`, `qty`, `subtotal`)
 - ❖ categories (`cat_id`, `cat_title`)
 - ❖ orders (`order_id`, `product_id`, `qty`, `address`, `delivery`, `phonenummer`, `total`, `payment`, `buyer_phonenummer`)
 - ❖ products (`product_id`, `farmer_fk`, `product_title`, `product_cat`, `product_type`, `product_expiry`, `product_image`, `product_stock`, `product_price`, `product_desc`, `product_keywords`, `product_delivery`)

- Completed the design of krishibzar homepage which include sections like about us, our team, contact us, farmer/buyer login on navbar. And after that in downward there is video related to website playing all the time autoplay and a text section “Krishibzar: A vital part of community and nation. Two cards with images sell on krishibzar: Farmer register and login button. Another Buy products from krishibzar: Buyer register and login.
- For Farmer Register/ Login
 - ❖ Users have to fill (Full name, Phone no, Permanent Address, State, District, Password, Confirm Password) and click the register button.
 - ❖ Users have to fill in the register phone number and password after that farmer home page will open.
- For Buyer Register/ Login
 - ❖ Users have to fill (Full name, Phone no, E-mail Address, Permanent Address, Password, Confirm Password) and click on the register button.
 - ❖ Users have to fill in the register phone number and password after that buyer home page will open.
- Farmer homepage:
 - ❖ In navbar there is krishibzar official logo on right side setting with option (profile, orders, logout) and hello (user name).
 - ❖ After that there is home, my products(inside my products user can see inserted products and also can insert new products), my transactions (where user can see his transactions), chat system(not executed).
 - ❖ Carousel images/pictures are added to the website to make it attractive and in stand out features there is about us, blog, contact us.
 - ❖ In the profile section users can edit profile and change password if necessary.
 - ❖ In footer there are payment options(E-sewa, Khalti, Cash On Delivery) images and social media links (facebook, instagram, twitter, google plus, gmail). lastly copyright 2023 krishibzar, developed by: team nirvana.
- Buyer homepage:
 - ❖ In navbar there is krishibzar official logo on the right side, search box for products search and hello (user name) on the right side setting with option (profile, transactions, subscriptions, save for later and logout) and cart page.
 - ❖ After that there is a category view of fruits and vegetables, carousel images/photos which slide all the time.
 - ❖ Display of farmers added products in buyer portal to buy their products with features of fresh fruits(showing fruits only), fresh vegetables(showing vegetables only) and best selling products all over Nepal(all products added by the farmers).
 - ❖ If a user clicks on the products they can see the products details(farmer details) and also add to cart.
 - ❖ Buyer can also search the products on the basis of state and district wise and click the filter and the products will show district and state wise.

- ❖ In the cart page if a buyer added products they can see the products(S.no, item name, unit price, quantity, subtotal and delete). And there is the empty cart button(cart will be empty), continue shopping button(buyer homepage open) and checkout with grand total amount(checkout page will open).
- ❖ Design checkout page which includes(delivery address, check your items with serial no, name, total (in Rs.), delivery options(farmer, buyer, courier)). Next things included are payment options(E-sewa, Khalti, Cash On Delivery) with a button to click which method they want to pay and place an order or go back.
- ❖ If the buyer clicks on the place order success page will open the page includes(success, product added successfully, thanks for shopping with us). Lastly, go to the home button.
- ❖ In footer there are payment options(E-sewa,Khalti, Cash On Delivery) images and social media links (facebook, instagram, twitter, google plus, gmail). lastly copyright 2023 krishibzar, developed by: team nirvana.

Key Issues:

The key issues faced during your task accomplishments:

- For the phone number verification we have to send the otp code number to the phone number user register while creating an account because it charges a certain amount we cannot complete because of the problem with the budget.
- Another issue we face is connecting properly with online payment like (E-sewa and Khalti) because of certain terms and conditions of the company policy.
- We cannot do the proper market research and surveys with the people because we don't get a budget which is required to do surveys and research properly.
- Addressing compatibility issues across different web browsers and devices is a great issue.
- Maintaining the codes of the registration panel was also a great challenge for us and it was a great issue.
- Displaying the farmer inserted products to the buyer portal is also one of the difficult tasks to achieve.

Upcoming Tasks:

- Chat system for both farmer and buyer to discuss and bargain the product.
- For farmers to edit the product which is added on the platform.
- Admin panel for product delivery tracking, verification, report implementing, contact us section, maintenance of the platform as well as adding new features and functionalities in the website.
- Blog features for the user to share his ideas and thoughts on related subjects or topics.
- Hosting and launching the website is our upcoming task and challenge for us and it is also going to take our website to another level if we are able to host our website at a level we expected and prepared.

Activity Matrix

Date: 20 May 2023 - 15 July 2023

Date	Activity Planned	Activity Achieved	Deviation and its cause
20May-26 May	Orientation with supervisor, creation of database and linking with the xampp, discussion on srs and how to design.	Creation of two portal farmers and buyers.Completion of buyer/farmer register, login and forgot password interface.	
27 May-02June	Meeting with supervisor for Set up index page Display six major products Set up bootstrap for page Design database Create necessary table Create necessary field Set primary key and secondary key as required	Creation of farmer homepage in which in the navbar there is official logo of krishibzar and on the left side there is setting with three option(edit profile, orders, logout).After that there is options home, my products and transactions with other necessary fields and footer.	
03 June-09 June	Completion insert new product interface for farmers to add products and my products to view the inserted products. Creation of buyer homepage.	All mentioned in the activity planned and stored the insert product in the database as well and in the buyer homepage creation of navbar in which there is an official logo of krishibzar after that search box, setting where there are various options.	
10 June-16 June	Completion of setting options, category view of fruits and vegetables, carousel	Completion of setting options which includes profile, transactions,	

	images which slide all the time and display of farmers added products in buyer portal to buy their products.	subscriptions, save for later and logout. category view of fruits and vegetables, carousel images which slide all the time and display of farmers added products in buyer portal to buy their products with features of fresh fruits, fresh vegetables and best selling products all over Nepal display. At last footer with payment options(E-sewa, Khalti and Cash On Delivery), social media links etc.	
17 June-23 June	Creation of search filter (state and district wise), cart page .	Creation of search filter (state and district wise), cart page which includes S.no, item name, unit price, quantity, subtotal and delete. Another thing completed is the empty cart button, continue shopping button and checkout with grand total amount.	
24 June-30 June	Design checkout page, and success page.	Design checkout page which includes(delivery address, check your items with serial no, name, total (in Rs.), delivery options). Next things included	

		are payment options(E-sewa, Khalti, Cash On Delivery). At last place order or go back.If buyer clicks on place order success page will open the page includes(success, product added successfully, thanks for shopping with us). Lastly, go to the home button.	
01Jul-07Jul	Second Internal week so we focus more on examinations.	Second Internal week so we focus more on examinations.	
08Jul-15 Jul	Creation of Krishibzar homepage, Edit and make some changes and update some previously completed tasks.	Edit and make some changes and update some previously completed tasks. In the krishibzar homepage navbar is created with a logo on the left side after that section for home, about us, our team, blog, buyer login, farmer login. after that video of nature related to website will autoplay with looping, text”Krishibzar a vital part of community and nation ” an two card created sell on krishibzar with two button farmer register and login and buy products	

		from krishibzar buyer register and login and last footer of the website.	
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