



# American International University- Bangladesh

## CSC 3222: Web Technologies

CO1.1 and CO2.1 Evaluation

Project Report

Summer 20-21

Project Title: **Webtech\_A\_G5\_Agricultural\_Web**

Section: **A**

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# Agricultural Web Application

## **Introduction:**

*A small online platform. Where farmers can share their problems with us and we will give them suggestions.*

## **Background Study:**

*This will be a web application. Where will be four actors admin, farmer, visitor, and expert. This baking is fully online based. Every actor has his individual role. Admin will maintain all the application process. Farmer will share their problem with experts and expert will try to solve them. All the admin, farmer and expert will have individual accounts. Visitors are the normal user without any account who can just visit and know about our web application.*

*Websites from which we are inspired:- <https://www.floretflowers.com/>  
<https://woodstocksanctuary.org/>  
<https://www.holmesbrothersfarm.com/>*

## **Requirement Analysis:**

### 1. User Category:

There are 4 types of Users here. They are:

- Admin
- Farmer
- Expert
- Visitor

### 2. Feature List:

In this project the “Admin” has the following features:

1. Can registration and login
2. Add member
3. Can approve account request
4. Can Add -update-delete member information
5. Can Manage attendance
6. Can Manage payable salary
7. Can Manage leave
8. Can maintain News/article
9. can log out
10. can manage loan issue
11. can reply to the help & suggestions



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12. can insert/update/delete purchase list
13. can manage account verification issues
14. can maintain weather update
15. can insert/update/delete account details
16. can insert/update/delete expert & user list

In this project the “Farmers” has the following features:

1. can delete account
2. Can give expert rating
3. can apply for news
4. can apply for loan
5. Can logout
6. can Chat with experts
7. can Enroll courses
8. can see their research result
9. can login and registration
10. can help & suggestions
11. can insert/update/delete personal details
12. can account verification
13. can donate
14. can loan info
15. can weather

In this project the “Experts” has the following features:

1. can chat with users and other experts
2. can see Required Research
3. can upload research result
4. can write article
5. can Upload QnA
6. can Upload course videos
7. can give present
8. can help & suggestion
9. can log out
10. can delete account



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11. can change password
12. can insert/update/delete personal info
13. can insert/update/delete profile picture
14. can registration and login
15. can donate
16. can account verification
17. can weather update

In this project the “Visitor” has the following features:

1. can see farmer's list
2. can see manual (how to use)
3. can see expert's introduction
4. can see QnA
5. can log-in if they already have account (3 type of login)
6. can create new account
7. can see Course's list & description
8. can apply as a volunteer
9. can apply for Job/internship
10. can Help & give suggestion
11. can donate
12. can see weather update
13. can see user list
14. can see the University and research institutions where we research
15. can apply to be sponsor

In this project, Every users has the following features:

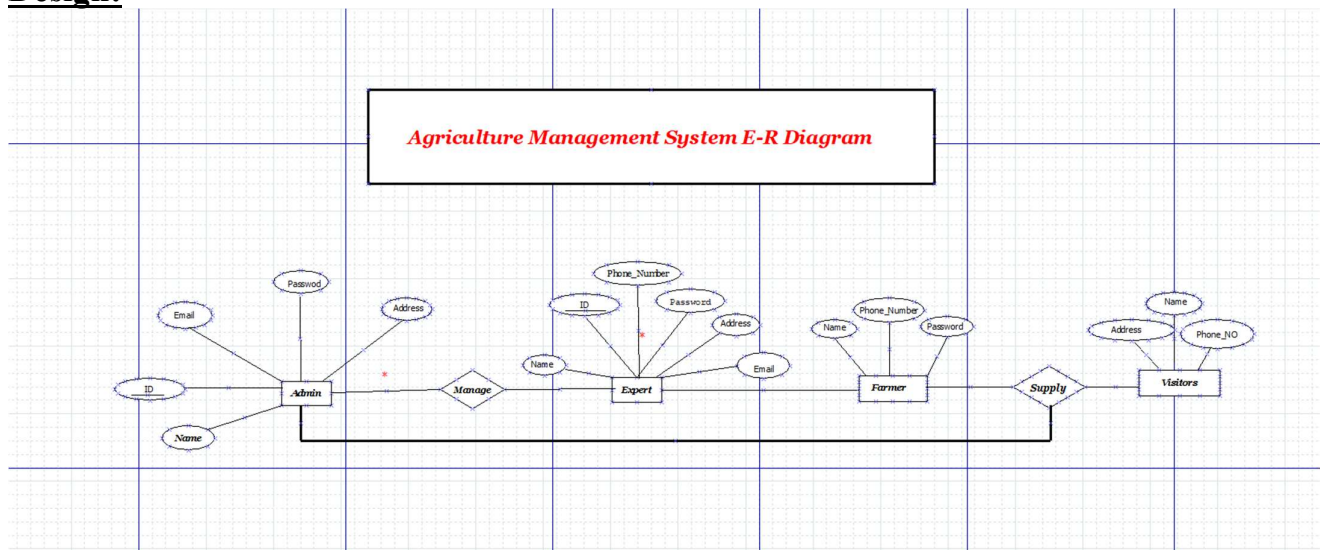
1. everyone can read description
2. can apply dark mode
3. can read article
4. can see notification
5. can see Events



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6. can read news
7. can search
8. can share other web links
9. can see Gallery
10. can see contact
11. can view experts list
12. can see our community
13. our sponsor list
14. can read QnA
15. can get emergency helpline

## Design:



## Tools Used:

To develop this project, we have used the following:

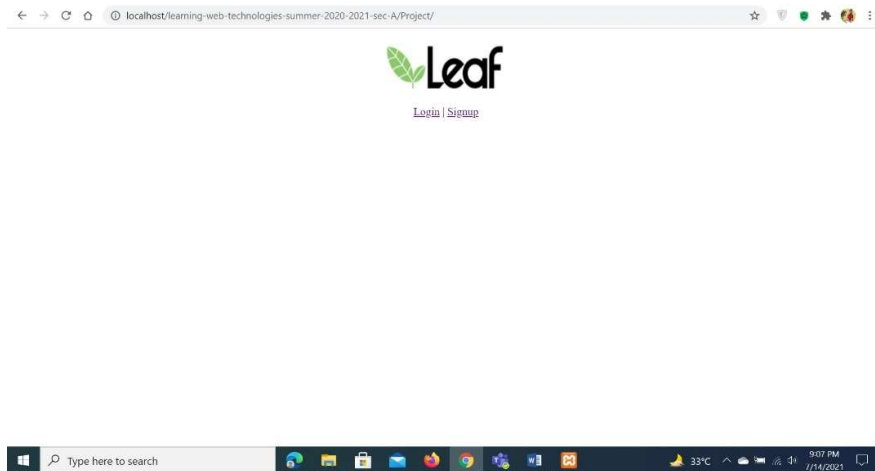
- Sublime Text
- Xampp
- Chrome browser



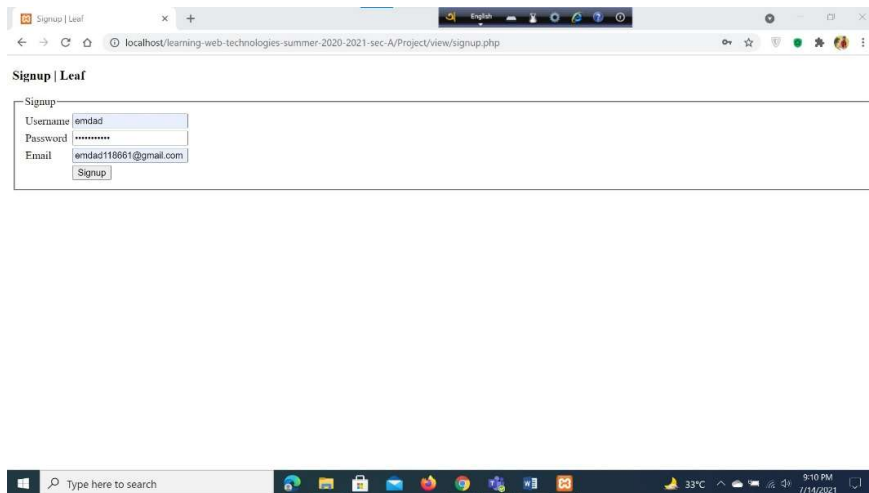
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## System Images against the Specification:

Index page:

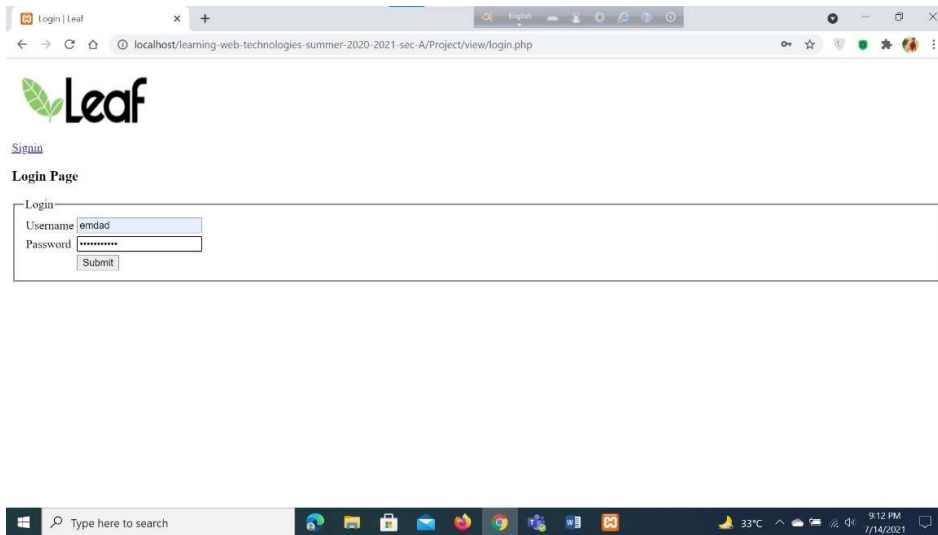


Signup/registration page:



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Login page:



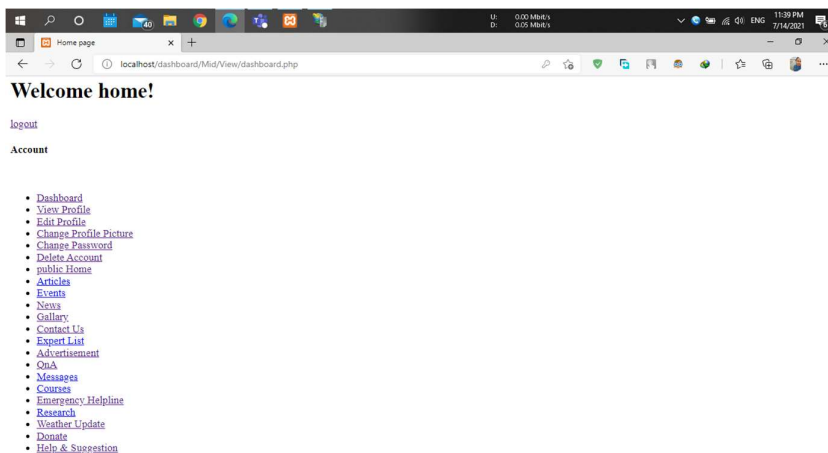
The screenshot shows a web browser window with the address bar displaying 'localhost/learning-web-technologies-summer-2020-2021-sec-A/Project/view/login.php'. The page features the 'Leaf' logo, a 'Signin' link, and a 'Login Page' section. The login form includes fields for 'Username' (containing 'emdad') and 'Password' (masked with dots), and a 'Submit' button. The Windows taskbar at the bottom shows the time as 9:12 PM on 7/14/2021.

Admin Dashboard:



The screenshot displays the 'AGRI DASHBOARD' with a sidebar menu and a main content area. The sidebar menu includes links such as 'add\_update\_delete\_products', 'add\_member', 'approve\_account\_request', 'add\_update\_delete\_member\_info', 'manage\_attendance', 'manage\_salary', 'manage\_leave', 'manage\_leave\_request', 'upload\_to\_the\_help\_and\_suggestion', 'insert\_update\_delete\_purchase\_list', 'account\_verification\_issue', 'weather\_update', 'insert\_update\_delete\_account\_details', 'insert\_update\_delete\_expert\_and\_user\_list', and 'manage\_upload'. The main content area shows a 'Logged in as' status. The footer displays the email address '19-39441-1@student.aiub.edu'.

Farmer Dash board:

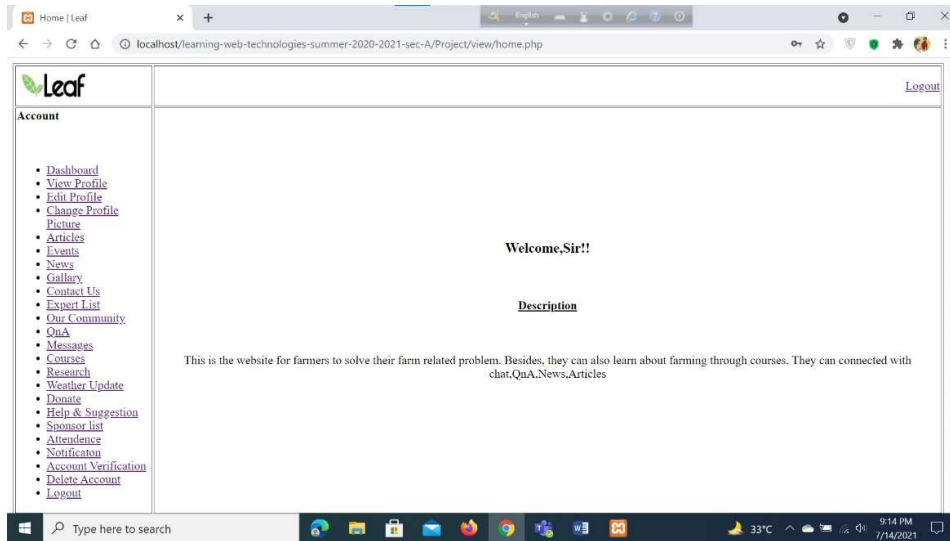


The screenshot shows the 'Farmer Dash board' with a 'Welcome home!' message and a 'logout' link. Below the welcome message is an 'Account' section with a list of links: 'Dashboard', 'View Profile', 'Edit Profile', 'Change Profile Picture', 'Change Password', 'Delete Account', 'public Home', 'Articles', 'Events', 'News', 'Gallery', 'Contact Us', 'Expert List', 'Advertisement', 'QnA', 'Messages', 'Courses', 'Emergency Helpline', 'Research', 'Weather Update', 'Donate', and 'Help & Suggestion'.



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## Expert Dashboard:



## Visitor Dashboard:





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## **Impact of this Project:**

Actually, we did not have any experience about this type of web application. We do not have any idea what farmer's problem and how we can solve these. Spacially,

## **Limitations and Possible Future Improvements:**

We cannot make it big. Or add some big features like video call or audio call and dark mode.

C01.1 and C02.1 Evaluation: Project Report Evaluation					
Project Proposal (5)	Background Study (5)	Requirement Analysis (5)	Entity Diagram (5)	System Images against the Specification (5)	Total (25)

