North East University Bangladesh
Department of Computer Science and Engineering
Summer 2022

Course Code: CSE 300	Course Title: Project Work 2

1) Basic Information:

	Student ID	Student Name
Group Details	200103020003	Jannatul Ferdous Jannah
	200103020049	Maruf Ahmed
	200103020054	Fahima Akther Moni
Project Title	Agricul Farm	

2) User Roles:

User Types	Description
Unregister User	Unregister user can visit the site and can see different post and activities. Also Unregistered users register as a buyer or seller (Farmer). Cannot sell or buy or post anything but can donate in our site.
Farmer(Seller)	Farmer can add & sell their products. Farmer Can post anything, review any products/post. Farmer can request to any consultant for instruction/contact to improve his/her farming. Can donate to the website.
Buyer	A buyer can buy any products and also can payment for his/her demands.
Consultant	Consultant can provides instruction about farming. If any farmer faced any problem then he/she can contact with the consultant.
Admin	Approve/disapprove account registration and post. Review reports about anything. Can add weather and give the update. Admin can hire people for supplying the products to the buyer.

3) User Story Planning:

Task Number	User Stories	Responsible	Deadlines
M-1	The homepage is the website's landing page where anyone can see different posts which were posted.	Maruf	27/09/22
F-1	Unregistered users can register. Unregistered users can only access the landing page. And registered users can login through the login page. Here registered users can be Admin, Farmer (Seller), Buyer, Consultant.	Fahima	27/09/22
J-1	There will be different categories of fruits, vegetables also. Register user as a farmer can add/delete/edit products and also can add products images.	Jannah	27/09/22
M-2	Farmer can view all the instructions about farming like food, vegetables etc instructions.	Maruf	18/10/22
F-2	Register user as seller can view all products and also he/she order their necessary needs.	Fahima	18/10/22
J-2	Registered users can view/edit their profile information (dashboard).	Jannah	18/10/22
M-3	User(buyer) can feedback and rating the products.	Maruf	01/11/22
F-3	Different consultant can be give the instruction about farming or improving the diseases which are facing by the farmer.	Fahima	01/11/22

J-3	There will be various agriculture related trending news from where farmer can get any news of their agricultural related work easily.	Jannah	01/11/22
M-4	A buyer can pay his cost for buying products.	Maruf	15/11/22
F-4	Admin can hire people for supplying the products to the buyer.	Fahima	15/11/22
J-4	There will be various quizzes about farming where any user (register/unregister) can participate.	Jannah	15/11/22
M-5	Farmers can buy any necessary agricultural equipment such as seeds, modern harvesting machine, water pump, pipe equipment from the shop.	Maruf	22/11/22
F-5	A register user like a farmer can know the current and upcoming days weather forecast which can help his farming.	Fahima	22/11/22
J-5	Any user can donate to the farm.	Jannah	22/11/22

4) The Product Backlog:

Story Number	User Story	Acceptance Tests
M-1	The homepage is the website's landing page where anyone can see different posts which were posted by the registered users.	
F-1	Unregistered users can register. Unregistered users can only access the landing page. And registered users can login through the login page. Here	1. Leave an input field blank (fail). 2. Using existing email.(fail) 3. Using an already used username (fail).

	registered users can be Admin, Farmer (Seller), Buyer, Consultant.	4. Correct username, password during login(pass) 5. Incorrect username only, incorrect password only, incorrect both at login (fail). 6. SQL injection (fail).
J-1	There will be different categories of fruits, vegetables also. Register user as a farmer can add/delete/edit products and also can add products images.	1. Blank post (fail). 2. Submitting changes with one or several blank fields(fail). 3. Photograph size is huge (fail) 4. SQL injection (fail).
M-2	Farmer can view all the instructions about farming like food, vegetables etc instructions.	
F-2	Register user as seller can view all products and also he/she order their necessary needs.	
J-2	Registered users can view/edit their profile information(dashboard) and Admin can see the changes done by the registered user.	1. Changing the email to existing email.(fail) 2. Submitting changes with one or several blank fields(fail). 3. Photograph size is huge (fail) 4. SQL injection (fail).
M-3	User can feedback their products and also rating in products.	1. Feedback without a description. (fail)
F-3	Different consultant can be give the instruction about farming or improving the diseases which are facing by the farmer.	1. Blank post (fail). 2. SQL injection (fail).
J-3	There will be various agriculture related trending news from where farmer can get any news of their agricultural related work easily.	
M-4	A buyer can pay his cost for buying products.	1. Blank transaction-ID for paid request (fail) 2. SQL injection.(fail)
F-4	Admin can hire people for supplying the products to the buyer.	
J-4	There will be various quizzes about farming where any user can participate.	1. Leave an input field blank (fail). 2. SQL injection.(fail)
M-5	Farmers can buy any necessary agricultural equipment such as seeds, modern harvesting machine, water pump, pipe equipment from the shop.	1. Blank post (fail). 2. Submitting changes with one or several blank fields(fail). 3. Photograph size is huge (fail)

		4. SQL injection (fail).
F-5	A register user like a farmer can know the current and upcoming days weather forecast which can help his farming.	
J-5	Any user can donate to the farm.	1. Leave the transaction ID field blank (fail). 2. Leave amount field blank (fail). 3. Valid transaction ID with amounts (pass). 4. SQL injection (fail).