

# AGRIENERGYCONNECT

User Manual

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## Preface

This user manual provides a complete guide for users of the Agri-Energy Connect online platform prototype. It describes the platform's functionality, needs, and usage instructions so that farmers and employees may use it efficiently.

## Version

Version 1.0

## Audience

This manual is intended for farmers, employees, and other stakeholders engaged in the Agri-Energy Connect initiative. Users should have a basic knowledge of online platforms and data administration.

## Scope

This user manual provides a comprehensive reference for users of the Agri-Energy Connect online platform prototype, including operational parameters, functional capabilities, and procedural procedures for both farmers and staff. For farmers, the scope includes adding items to the platform, interacting with the interface, comprehending the platform's merits in supporting sustainable agriculture, and fixing difficulties. Employees may create and manage farmer profiles, as well as browse and filter product listings.

## Programme Requirements

### Software Requirements

ASP.NET Core 8 MVC

Microsoft SQL Server Management Studio 2012 or later

Visual Studio IDE (Integrated Development Environment)

### Visual Studio Requirements

ASP.NET Core 8 MVC

Microsoft SQL Server Management Studio 2012 or later

Visual Studio IDE (Integrated Development Environment)

# Microsoft SQL Server Management

- SQL Server Management Studio (SSMS) for database management
- Installation and configuration instructions can be found in the respective documentation provided by Microsoft:
  - Download SSMS
    - <https://learn.microsoft.com/en-us/sql/ssms/tutorials/ssms-configuration?view=sql-server-ver16>
  - Configuration for SSMS
    - <https://learn.microsoft.com/en-us/sql/ssms/download-sql-server-management-studio-ssms?view=sql-server-ver16>

## Usage

### Employees:

- Log in to the platform using assigned credentials.

AGRIENERGYCONNECT

HOME

PRIVACY

LOGIN

USE A LOCAL ACCOUNT  
TO LOG IN.

Username  
admin@site.com

Password  
\*\*\*\*\*

☐ Remember me?

LOG IN

[Forgot your password?](#)

[Register as a new user](#)

[Resend email confirmation](#)

AGRIENERGYCONNECT

HOME

PRIVACY

FARMERS

HELLO ADMIN@SITE.COM!

LOGOUT

CONNECTING FARMERS WITH  
SUSTAINABLE ENERGY  
SOLUTIONS

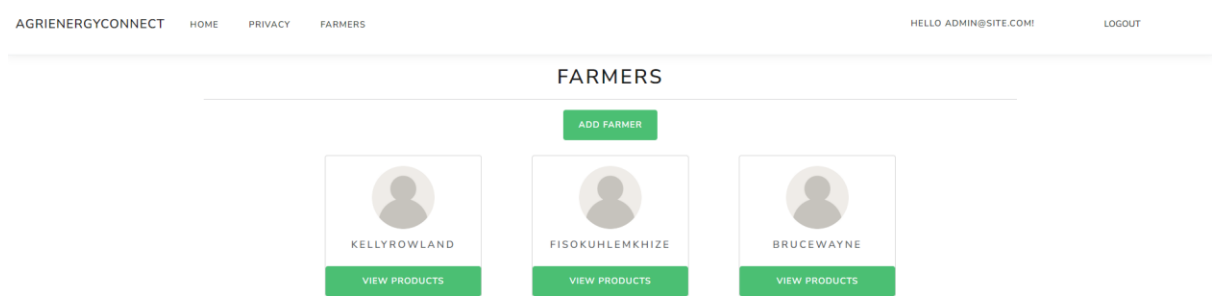
Join us in promoting sustainability and efficiency in agriculture.

ABOUT AGRIENERGYCONNECT

AgriEnergyConnect is dedicated to connecting farmers with cutting-edge energy solutions that promote sustainability and efficiency. Our mission is to empower farmers and contribute to a greener future.

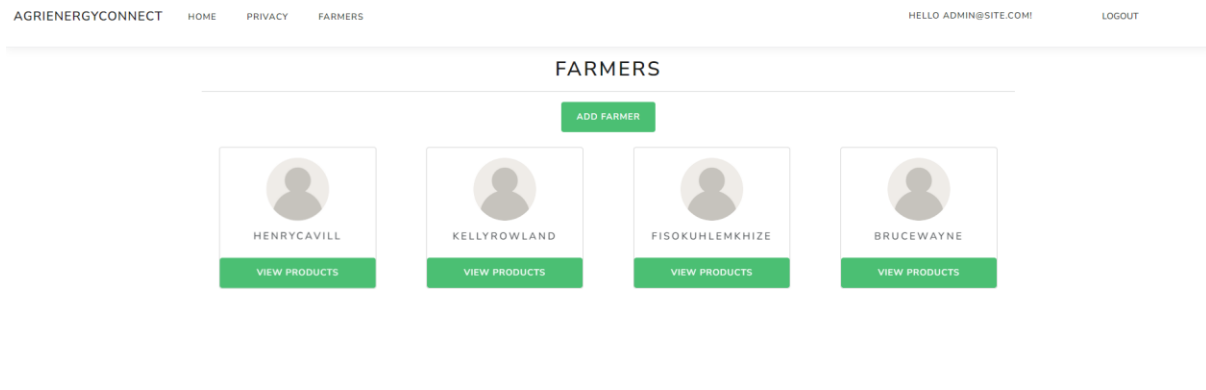
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- Access the "Farmers" section in the navigation menu & Click on the “Add Farmer” button to add a new farmer profile.

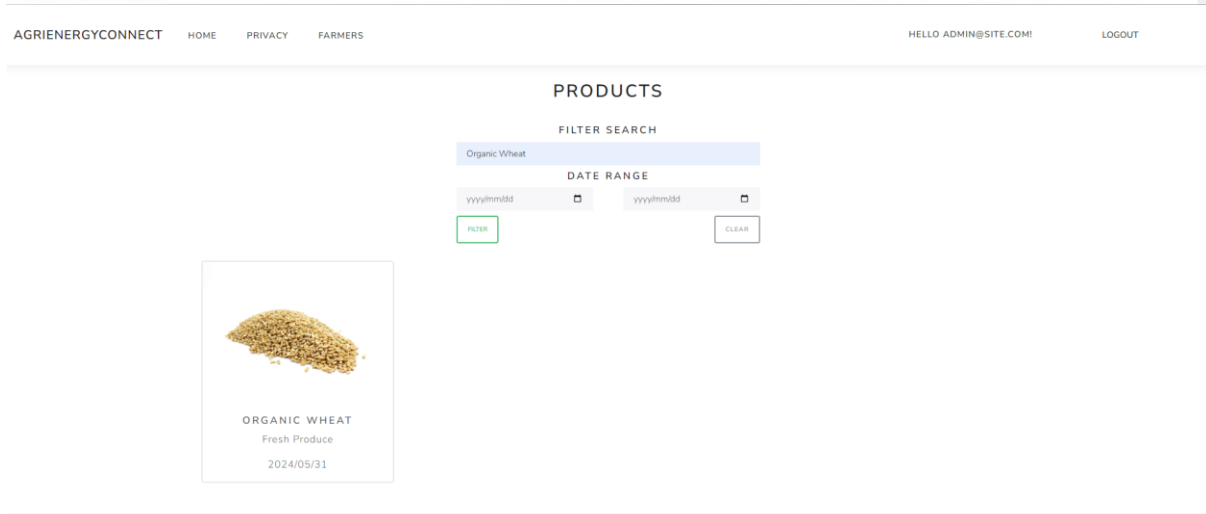
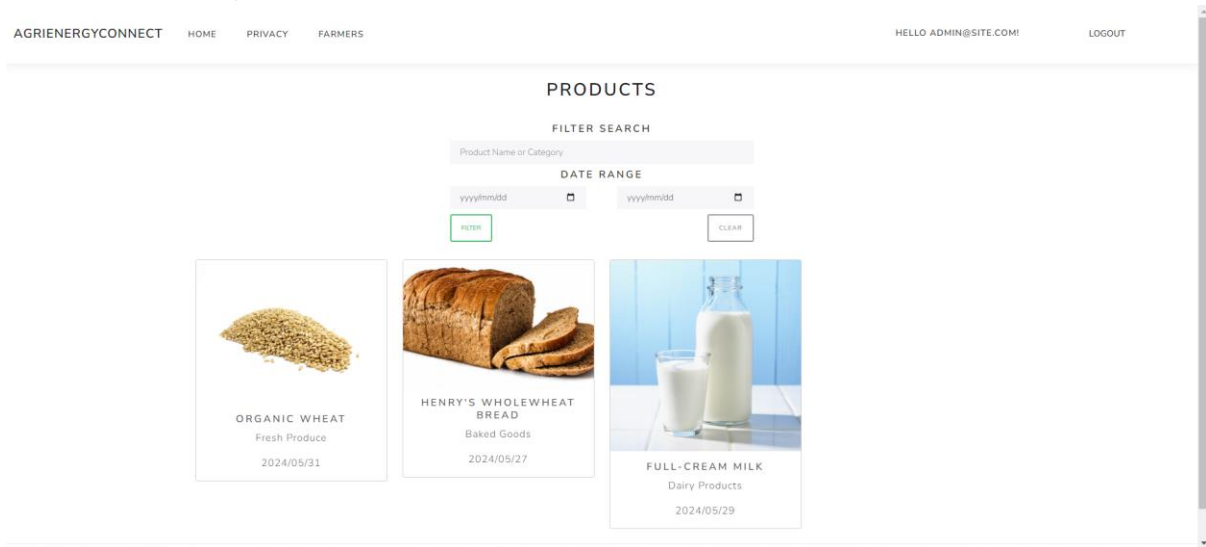


- Enter the Farmer’s essential details and click on the Register Farmer button. To register the farmer and the system will send a verification email to the registered farmer.

- To view the products produced by specific farmers click on the View Products button on their card view.



Optionally search and filter the listing of products by entering a category, minimum or maximum date of production



PRODUCTS

FILTER SEARCH

Product Name or Category

DATE RANGE

2024/05/27



2024/05/29



FILTER

CLEAR



Farmers:

- Log in to the Agri-Energy Connect platform using the email and password provided in their emails.

Agri-Energy Connect Registration



**fisingulvrity.mkhize@gmail.com**  
to d2ag3B44Gdyl

9:13 PM (0 minutes ago)



Your account has been registered. Please verify your email by [clicking here](#). Credentials: Username: HenryCavill Password: uqly4Zn8XV7P

Reply

Forward



CONFIRM EMAIL

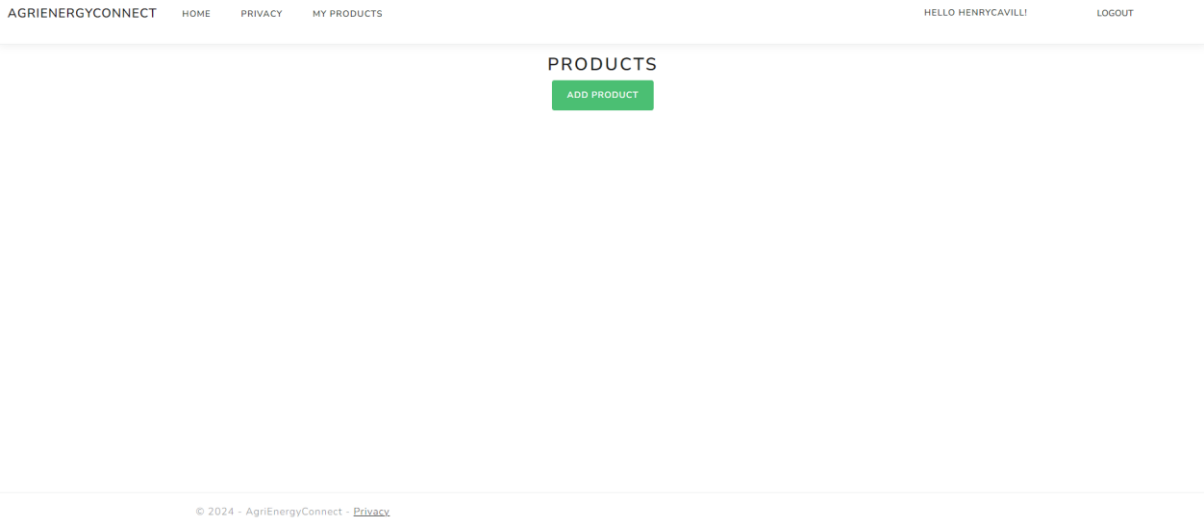
Thank you for confirming your email.



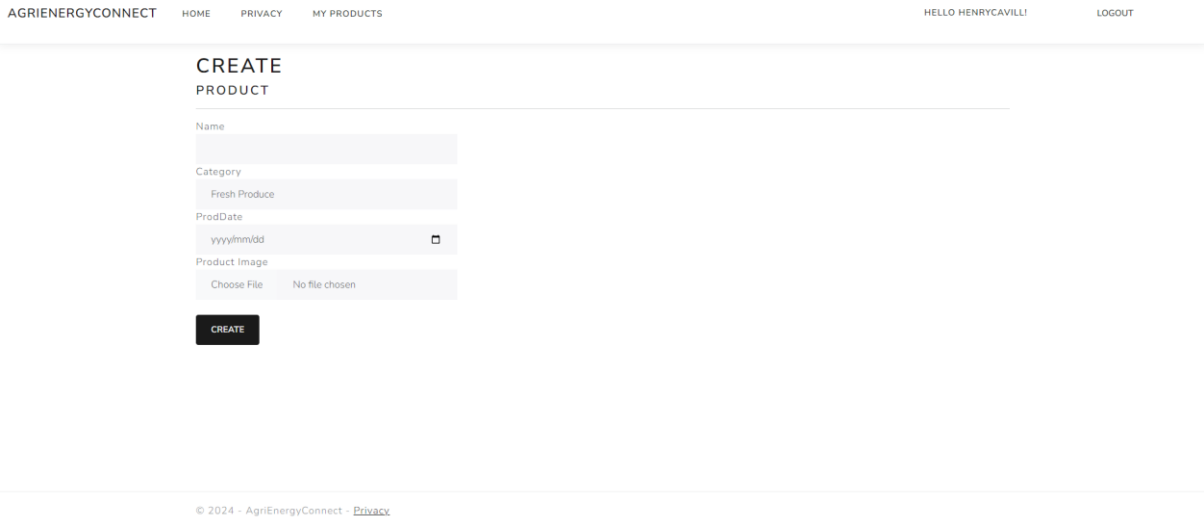
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- Navigate to the "My Products" section.



- Click on the “Add Product” button to add a new product





- Enter product details such as name, category, and production date and add an image of the product.

AGRIENERGYCONNECT

HOME

PRIVACY

MY PRODUCTS

HELLO HENRYCAVILLI

LOGOUT

CREATE PRODUCT

Name

Organic Wheat

Category

Fresh Produce

ProdDate

2024/05/31

Product Image

Choose File

Organic Wheat.jpg

CREATE

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- Save the product information .

AGRIENERGYCONNECT

HOME

PRIVACY


MY PRODUCTS

HELLO HENRYCAVILLI

LOGOUT

PRODUCTS

ADD PRODUCT



ORGANIC WHEAT

Fresh Produce

May 31, 2024

PRODUCT DETAILS

Product has been added sucessfully

-

- Optionally, the Farmer can now view the product details by clicking on the “Product Details” button.

DETAILS  
PRODUCT

Name	Organic Wheat
Category	Fresh Produce
ProdDate	2024/05/31

⏪ BACK

## References

#1 Bokhandel Webbshop | ASP.NET core MVC projekt (2022) YouTube. Available at: [https://www.youtube.com/watch?v=3rAD03PFQlQ&list=PLxbwFov-VyQHOjxTsxMm7PaY3l\\_8egVpw&index=1&ab\\_channel=LearnWithMe](https://www.youtube.com/watch?v=3rAD03PFQlQ&list=PLxbwFov-VyQHOjxTsxMm7PaY3l_8egVpw&index=1&ab_channel=LearnWithMe) (Accessed: 31 May 2024).

#10 bookstore Webbshop | Limit Acces and hide menu items | ASP.NET core MVC Project (2022) YouTube. Available at: [https://www.youtube.com/watch?v=WCT\\_4h7Viwk&list=PLxbwFov-VyQHOjxTsxMm7PaY3l\\_8egVpw&index=10&ab\\_channel=LearnWithMe](https://www.youtube.com/watch?v=WCT_4h7Viwk&list=PLxbwFov-VyQHOjxTsxMm7PaY3l_8egVpw&index=10&ab_channel=LearnWithMe) (Accessed: 31 May 2024).

#11 bookstore Webbshop | ADD email confirmation to the register process | ASP.NET core MVC Project (2022) YouTube. Available at: [https://www.youtube.com/watch?v=AedhpKEwvnk&list=PLxbwFov-VyQHOjxTsxMm7PaY3l\\_8egVpw&index=11&ab\\_channel=LearnWithMe](https://www.youtube.com/watch?v=AedhpKEwvnk&list=PLxbwFov-VyQHOjxTsxMm7PaY3l_8egVpw&index=11&ab_channel=LearnWithMe) (Accessed: 31 May 2024).

#13 bookstore Webbshop | add a filter search | ASP.NET core MVC Project (2022) YouTube. Available at: [https://www.youtube.com/watch?v=DQ7gj7abwZ8&list=PLxbwFov-VyQHOjxTsxMm7PaY3l\\_8egVpw&index=13&ab\\_channel=LearnWithMe](https://www.youtube.com/watch?v=DQ7gj7abwZ8&list=PLxbwFov-VyQHOjxTsxMm7PaY3l_8egVpw&index=13&ab_channel=LearnWithMe) (Accessed: 31 May 2024).

#3 bookstore Webbshop | Scaffold identity using existing dbcontext | ASP.NET core MVC projekt (2022) YouTube. Available at: [https://www.youtube.com/watch?v=5D1euf38G5M&list=PLxbwFov-VyQHOjxTsxMm7PaY3l\\_8egVpw&index=3&ab\\_channel=LearnWithMe](https://www.youtube.com/watch?v=5D1euf38G5M&list=PLxbwFov-VyQHOjxTsxMm7PaY3l_8egVpw&index=3&ab_channel=LearnWithMe) (Accessed: 31 May 2024).

#5 bookstore Webbshop | Add Simple Authorization | ASP.NET core MVC projekt (2022) YouTube. Available at: [https://www.youtube.com/watch?v=InsIhr9oX7A&list=PLxbwFov-VyQHOjxTsxMm7PaY3l\\_8egVpw&index=5&ab\\_channel=LearnWithMe](https://www.youtube.com/watch?v=InsIhr9oX7A&list=PLxbwFov-VyQHOjxTsxMm7PaY3l_8egVpw&index=5&ab_channel=LearnWithMe) (Accessed: 31 May 2024).