



KESTER MATTHEW ITETA

ST10081800

PROGRAMMING 3A

PROG7311

VARSITY COLLEGE CAPE TOWN CAMPUS

KESTERITETA_PROG7311_PART2

ST10081800

Running Application

To run this project, unzip the folder saved as KESTERITETA_ST10081800_PROG7311_PART2. After unzipping the folder, open visual studio 2019 if possible. When visual studio is launched, click on file, open project/ solution, explorer to where you downloaded. Click this folder once to select, then click open. When this folder opens, select prog7311_part2_solution folder and click open again. Within this folder, select a file saved as prog7311_part2_solution.sln. After selecting this file select open to launch an application. When an application is launched, select IIS Express (Google Chrome) in the run drop down menu. After this selection, select debug from the menu, then select start debugging. At this point the application will be running using Google Chrome. The home page with 9 buttons representing 9 tables from the database will display. Click Farmers' details to display farmers' record, the login window will display asking the employee to enter email address and password. Enter employee login credentials from table 2 below to login and access farmers' record. The logged in employee will have ability to add new farmer, edit existing record, display details or delete. If wrong log in details are entered, the application will direct the user to unauthorized user error message. Employee has a role to manage all tables.

In product details table, a farmer can add product, edit, display, and delete. Only employee and farmer can access product table. Unauthorized users will be directed to error message page. An employee and a farmer can filter product table by product type or date range. To filter product by type, employee or farmer can use first letter or letters in search text box to match product type and to filter data. If any wrong input data is entered in these tables, the data will not be saved. If the user wants to go back to home page, he must click home button. The user can click about button to see bid team members with their details. The application has capability to register and login user. This application is available in cloud platform where the user can have access any time he or she wants. The link is listed in the table for access. This concludes the end of Farm Central Web Application.

Table 1: Included in project.

IDE	Visual Studio
Azure connection String	metadata=res://*/Models.ProductDetailsModel.csdl res://*/Models.ProductDetailsModel.ssdl res://*/Models.ProductDetailsModel.msl;provider=System.Data.SqlClient;provider connection string="Data Source=prog7311-part2-solutiondbs.database.windows.net;Initial Catalog=prog7311_part2_solution_db;User ID=Kester;Password=Password#1"
Azure connection string name	prog7311_part2_databaseEntities
Local database connection	Data Source=tcp:prog7311-part2-solutiondbs.database.windows.net,1433;Initial Catalog=prog7311_part2_solution_db;User Id=Kester@prog7311-part2-solutiondbs;Password=Password#1

n string	
	Data Source=prog7311-part2-solutiondbs.database.windows.net;Initial Catalog=prog7311_part2_solution_db;User ID=Kester;Password=Password#1
Azure App	prog7311part2solution20230529050553.azurewebsites.net

Table 2: User Roles

Employee	
Email	Password
patrice123@gmail.com	Password@1
paul@yahoo.com	Password@2
frida@yahoo.com	Password@3
Farmer	
Email	Password
sheena@gmail.com	Password_1
chisomo@yahoo.com	Password_2
martha@yahoo.com	Password_3
Azure Database Login	
Kester	Password#1