CS380: Final Report

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# Application Title

*Crop Calendar*

# Description of app

A calendar designed for farmers that makes it easier to plan and assess crop rotations. This application has been developed with the JavaFX UI toolkit with an accompanying MySQL database for user registration and sign-in.

*Crop Calendar* was designed as a tool for farmers to help with planning crop rotations. As crops are planted, they impact the soil’s nutrients for future crops, which can be scheduled to yield more plentiful crop harvests.

# Entry-point of App

To run our application please execute the file ‘src/calendar/Main.java’.

# Login information

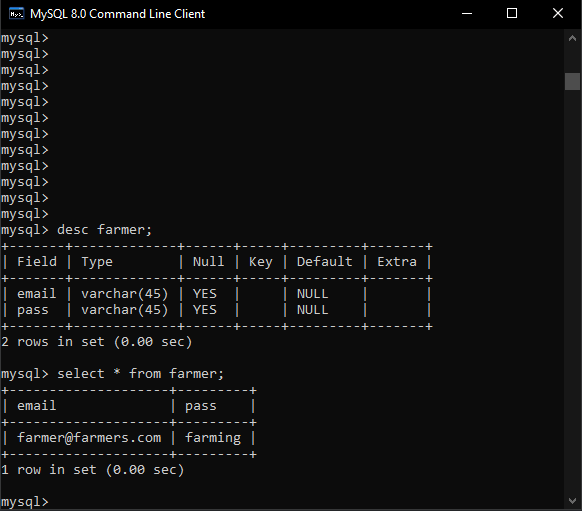
User Login: ‘farmer’, ‘farming’

Admin Login: ‘admin@farmers.com’, ‘secret’

Database: farmers

Table Name: farmer

Database Credentials: ‘root’, ‘cs380’



# Screenshots while running

Registering user farmer:  
Graphical user interface, application, website

Description automatically generated  
Application main view:

Text, calendar

Description automatically generated

Adding events:

Calendar

Description automatically generated

A Newly registered User & the Admin Account:

Text

Description automatically generated

After adding more users with the app:

Text

Description automatically generated