

USER MANUAL FOR THE ADMINISTRATOR

The aim of this document is to provide basic guidelines for the users of the tatton agriculture cow management system. It contains instructions on how to:

- Manage the number of cows in the herd
- add milk produced daily by individual cows in the herd
- view the necessary data for milk produced either daily, monthly or yearly

To view and edit cows and calves in the herd: **View calves** gives you a tabular display of all cows in the herd which comes with a delete button which is used to delete a calf from the database.

View cow also comes with a **Delete** button that you use to remove a cow from the database

The top screenshot shows the 'All Calves' interface. It includes a sidebar with a user profile (Admin) and a menu with options: DashBoard, View Calves, and View Cows. The main content area has a header with 'Admin' and 'Home' links, and a 'Logout' button. Below the header is a table titled 'All Calves'. The table has columns: NickName, Calf Id, Birth Weight, Breed, and Action. There are two rows of data:

NickName	Calf Id	Birth Weight	Breed	Action
fefwef	effew	34	guernsey	Delete
kimoda	cow11	20	freshian	Delete


The bottom screenshot shows the 'All Cows' interface. It has a similar layout to the top one. The table titled 'All Cows' has columns: Cow NickName, Date of Birth, Breed, and Actions. There are two rows of data:

Cow NickName	Date of Birth	Breed	Actions
df	2018-08-07	Ashire	Delete
fd	0000-00-00		Delete

Tabular Display of milk productions

Milk Tabular records gives you a tabular display for the milk produced on that day this is today's milk production. **Specific date** allows you to select a particular date of interest which you would like to view the amount of milk produced on that particular day.

The **monthly summary** gives you a summary of each months morning average, evening average and total amount of milk produced on that particular month.



Admin

Menu

- Dashboard
- View Calves
- View Cows
- Tabular Records
 - Today Milk Production
 - Specific date
 - Summary (Monthly)
- Graphical Records
- Manage Accounts
- Logout

Admin Home Logout

Specific Date Milk Production


Select Date
Click here to select date

Milk Records

Show 10 entries Search:

Cow ID	Morning Amount	Evening Amount	Average Milk	Total Milk
No data available in table				

Showing 0 to 0 of 0 entries Previous Next



Admin

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 - Today Milk Production
 - Specific date
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- Graphical Records
- Manage Accounts
- Logout

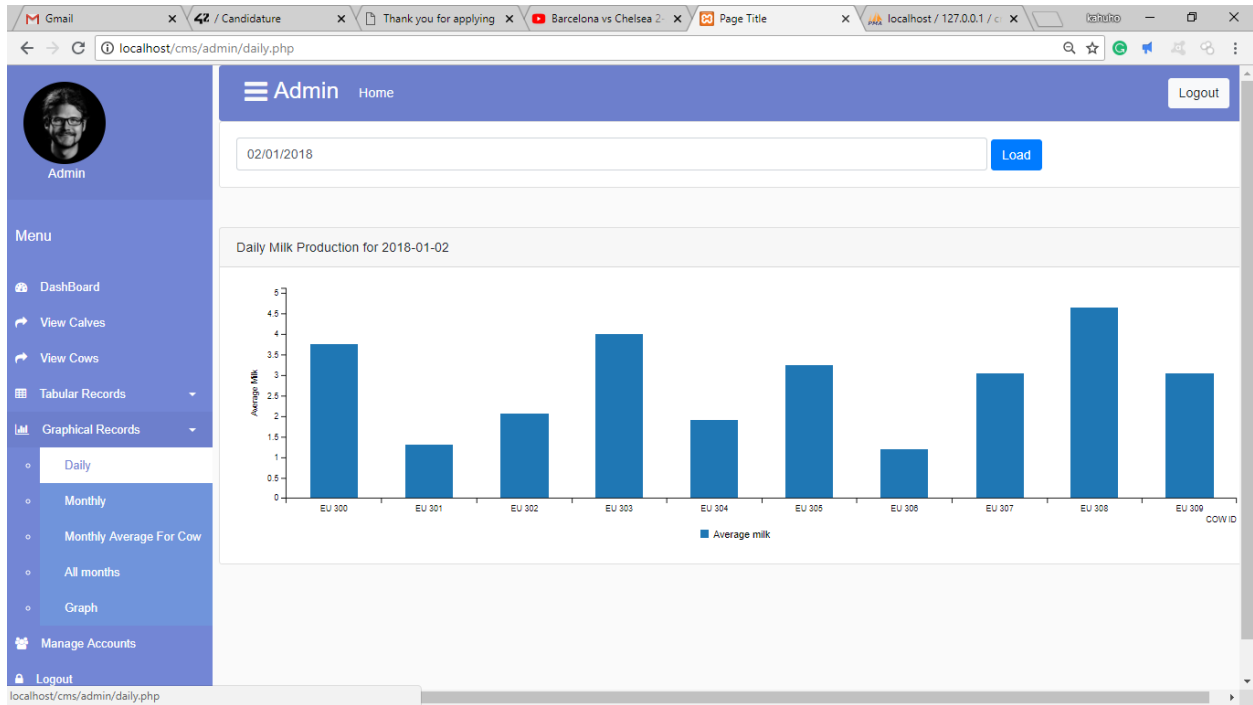
Admin Home Logout

All Milk Records

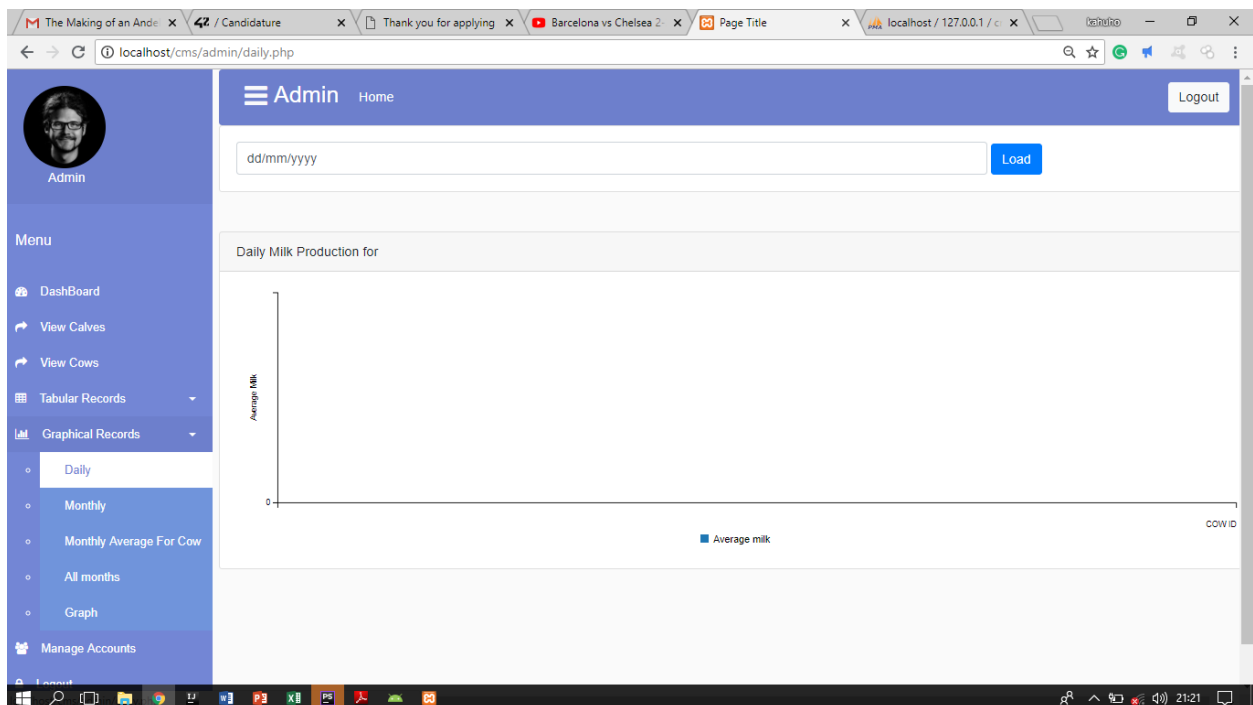
Show entries Search:

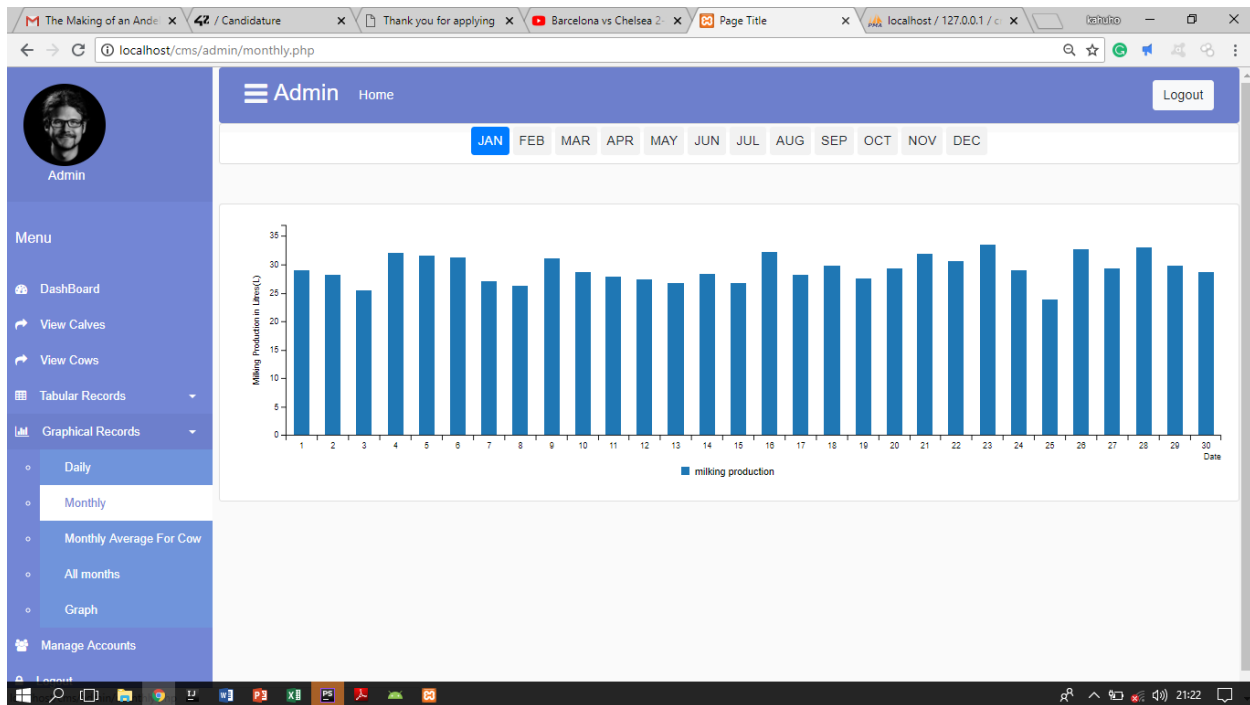
Month	Total No of Herds	Total Milk Amount(Litres)	Average Morning Amount (litres)	Average Evening Amount (litres)	Herd Average per Month
January	10	1,753.10	2.93	2.92	2.92
February	10	1,693.10	3.00	3.05	3.02
March	10	1,171.00	2.92	3.05	2.99
April	10	1,745.80	2.90	2.92	2.91
May	10	1,812.70	3.10	2.94	3.02
June	10	2,700.00	2.93	2.95	2.94
July	12	6,482.10	18.37	3.09	10.73
August	2	25.30	1.15	11.50	6.32
September	0	0.00	0.00	0.00	0.00
October	0	0.00	0.00	0.00	0.00
November	0	0.00	0.00	0.00	0.00

Graphical Milk records give you graph displays of milk produced daily, monthly, and yearly.

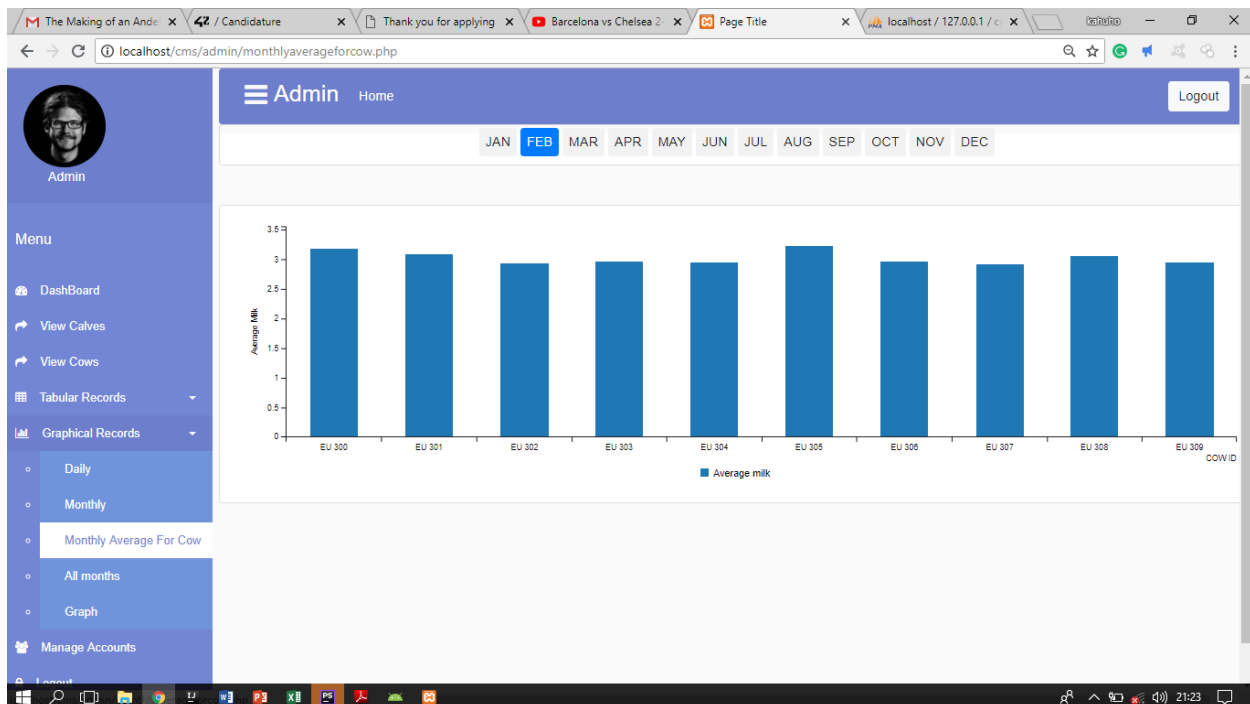


Current Day – shows a graph of average milk against cow id in the chosen day. You choose the day by choosing the date you want to view cow's milk production on the calendar displayed after clicking on the text field with dd/mm/yyyy

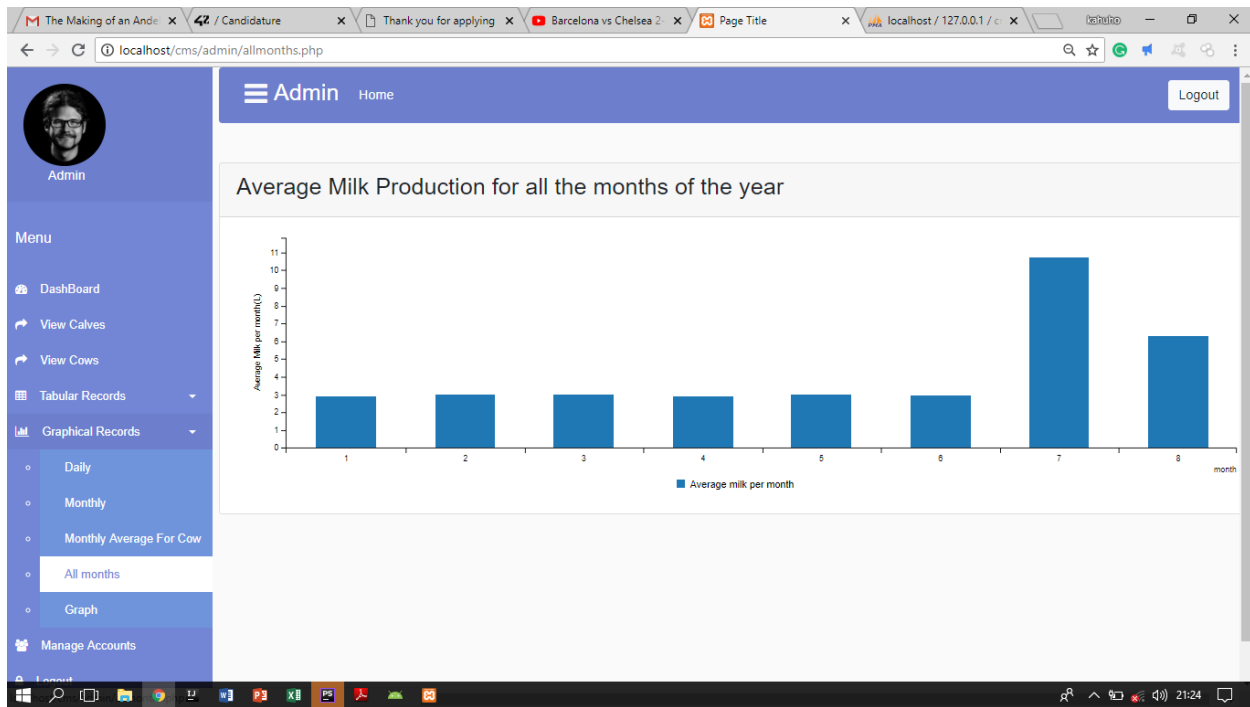




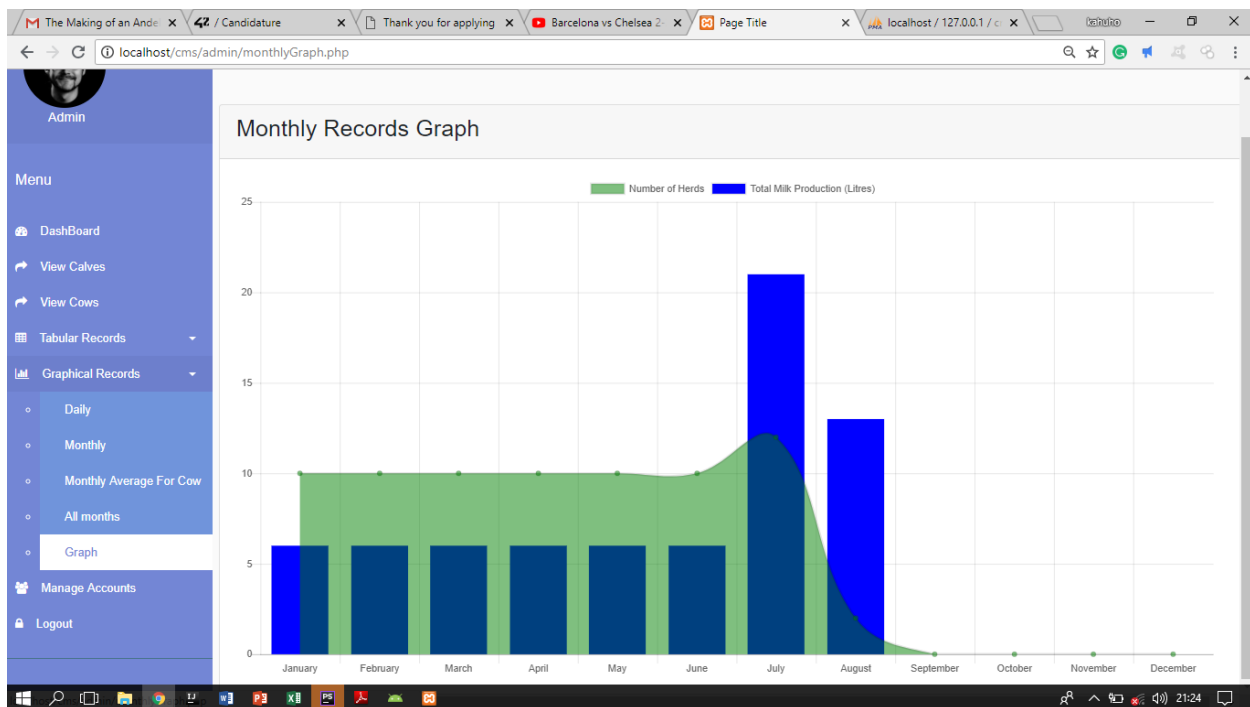
Monthly – the monthly buttons allows you select the month for which you want to view the data. It then shows a graph of milk produced in liters against the days of the month. Hover mouse above bars in order to view the actual value of that day.



Monthly average per cow – shows a graph of average milk against cow id. Hover mouse above bar to see average milk produced by a cow in a month selected.



Graph – the bar graph display the milk produced for every month in the year. The line graph displays the total amount of cows in the herd during every particular month.



Manage accounts: Adding a new technician involves putting his/her name and the password they will use to access the system.

The **Delete** button supports deletion of a technician from the database.

Change password button enables a admin to update the technician's password.

There is a search option to search for a particular technician and also the show entries option controls the amount

The screenshot shows a web application interface for managing technicians. The browser address bar indicates the URL is `localhost/cms/admin/manage_technicians.php`. The interface has a blue sidebar on the left with a user profile (Admin) and a menu containing: Dashboard, View Calves, View Cows, Tabular Records, Graphical Records, Manage Accounts, and Logout. The main content area has a top navigation bar with 'Admin' and 'Home' links, and a 'Logout' button. Below this, there is an 'Add Technician' section with input fields for 'adminer' and a masked password, followed by an 'Add Technician' button. The 'Existing Technicians' section features a search bar and a table with columns for 'User Name', 'Joining Date', and 'Actions'. The table lists two technicians: 'mwangi' (joined 2018-08-05 10:39:04) and 'mwangidavidwanjohi@gmail.com' (joined 2018-08-12 22:37:42). Each row has 'Delete' and 'Change Password' buttons. At the bottom of the table, it says 'Showing 1 to 2 of 2 entries' and includes pagination controls for 'Previous', '1', and 'Next'.

User Name	Joining Date	Actions
mwangi	2018-08-05 10:39:04	Delete Change Password
mwangidavidwanjohi@gmail.com	2018-08-12 22:37:42	Delete Change Password

of technicians to be displayed on each single page.