

MAIN PROJECT

DairySync

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Abstract :- DairySync

The “ **Dairy Distribution System** ” (**DairySync**) , is a software solution designed to manage the Collection and distribution processes of dairy products. This system helps the efficient management of the dairy society. Admin manages seller, records daily milk collection, financial management and feedback management. By collecting cattle milk and testing using lactometer test and temperature should obtain density and if the density level has variation as compared to normal density, the seller will receive a notification message which contains the milk details and recommendations for the seller to improve the quality of milk by consulting a veterinarian or providing nutritious feed. Cattle details include vaccination and insurance.

In this project sellers can improve their milk production through recommendation messages which specify their drawback and deficiencies of their cattle and solve it by suggesting appropriate veterinarian.

Django,HTML,CSS,JS,SQLite3 - are the technologies used.

Modules

Admin:

- Provides automated recommendations for improving milk quality, directing cattle to veterinarians if necessary.
- Sends timely notifications to sellers and customers.
- Employs data analytics to visualize product quality trends through charts and graphs.

Seller:

- Receives automated updates about collection, orders, payments, and suggestions for improving milk quality.
- Facilitates complaints and feedback with a rating system.

Customer:

- Manages billing, payments, and provides receipts.
- Offers customer support for inquiries, contact, feedback, and complaints.
- Sends notifications after order placement, payment, and dispatch.
- Allows customers to provide feedback and file complaints with a rating system.

Veterinarian

- Login to dashboard
- View the appointment received
- Diagnose the disease of cattle using the lab report
- Prescribe medicine