

Project Axious

[Project Document](#)

Tea Weight Scale System.

Pasan Wijekoon

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Introduction

The Tea Weight Scale System integrates modern technology with agriculture, allowing for precise weight measurements and real-time data management. This ensures efficiency and accuracy in the tea collection process.



Purpose of the Project

- Address challenges in traditional tea weighing methods: errors, delays, inefficiencies.
- Introduce accurate weight measurement using load cells
- Enable seamless data transmission and centralized record-keeping.



Project Goals



Automation

Automating weight measurement and data entry eliminates manual tasks and reduces errors.



Efficiency

Digitizing records streamlines the collection process, minimizing delays and manual errors.



Accuracy

Precise weight measurements ensure fair payments and accurate records for tea farmers.

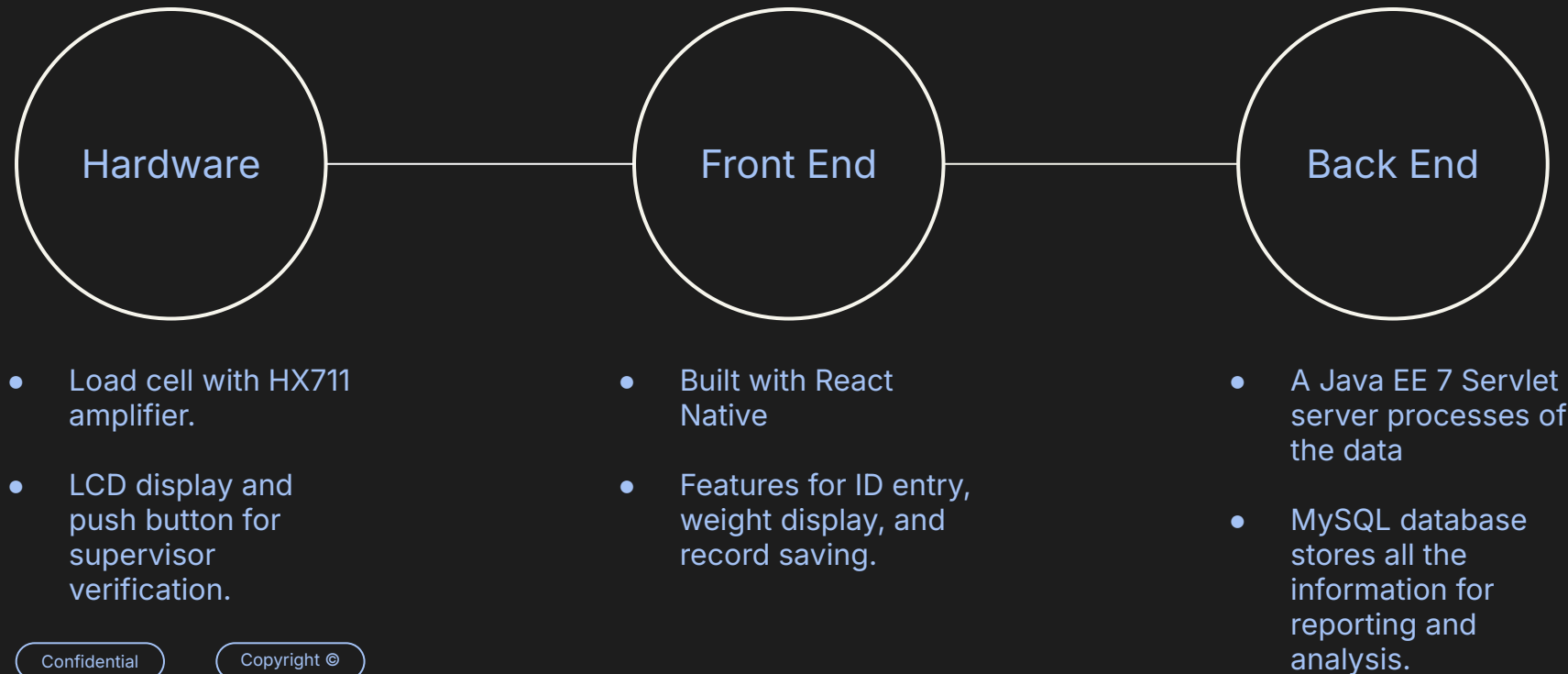


User-friendly Interface

The system features a web-based interface that is intuitive and easy to navigate.



System Overview



Benefits of the System

Accuracy

Ensures real-time, error-free weighing.

Efficiency

Speeds up collection and reduces manual errors.

Data Integrity

Centralized storage for secure records.

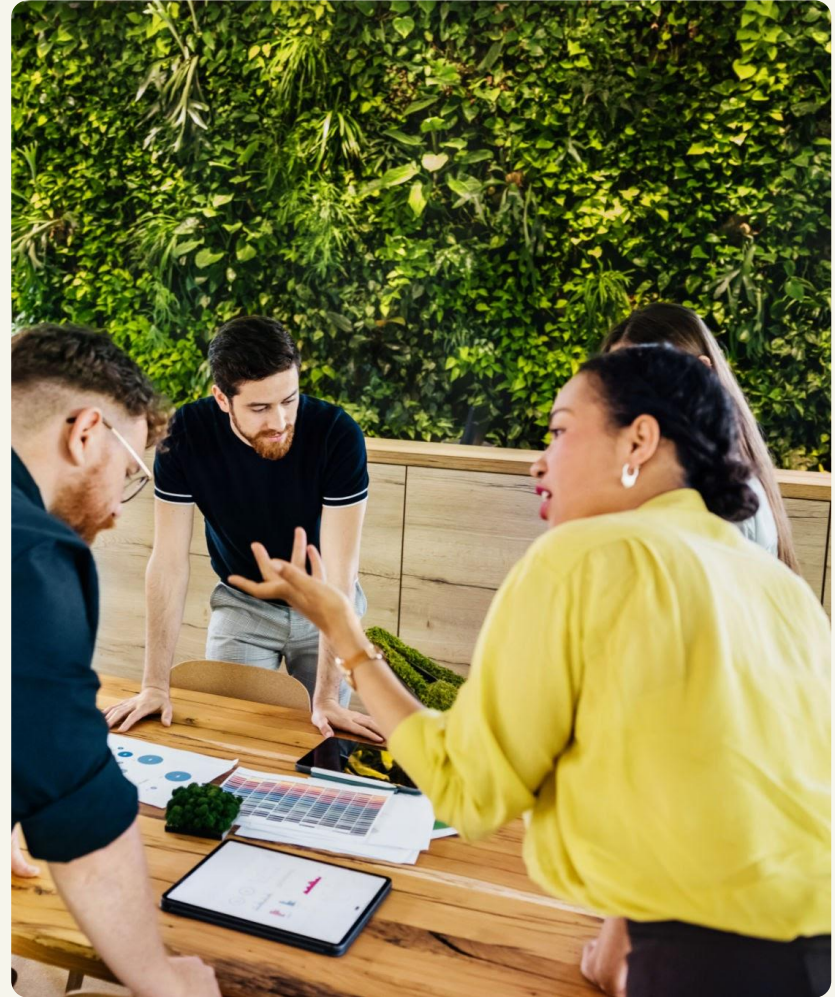
Scalability

Extendable to multiple sites and features.



Conclusion

The Tea Weight Scale System modernizes tea collection by combining hardware automation with web-based data management, ensuring accuracy, efficiency, and transparency.



Project Demonstration



Login Page



Project
Axious

Let's Log In

Hello! Welcome to Axious. Please fill your details to Log In.

Mobile

Password

 **Sign In**

10:08 49%

Add Collections

Emp Id

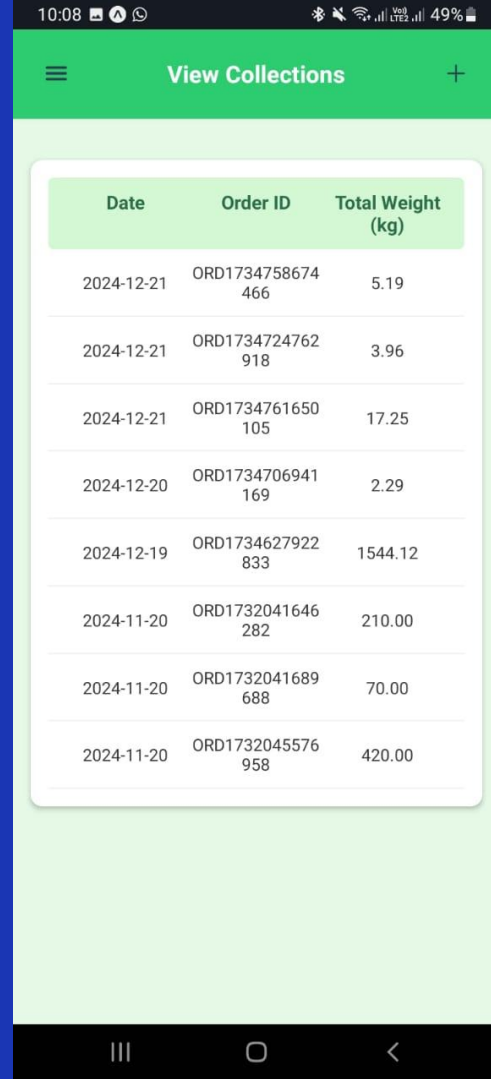
Weight

Employee ID	Weight
1008	5.75 <input type="button" value="Delete"/>

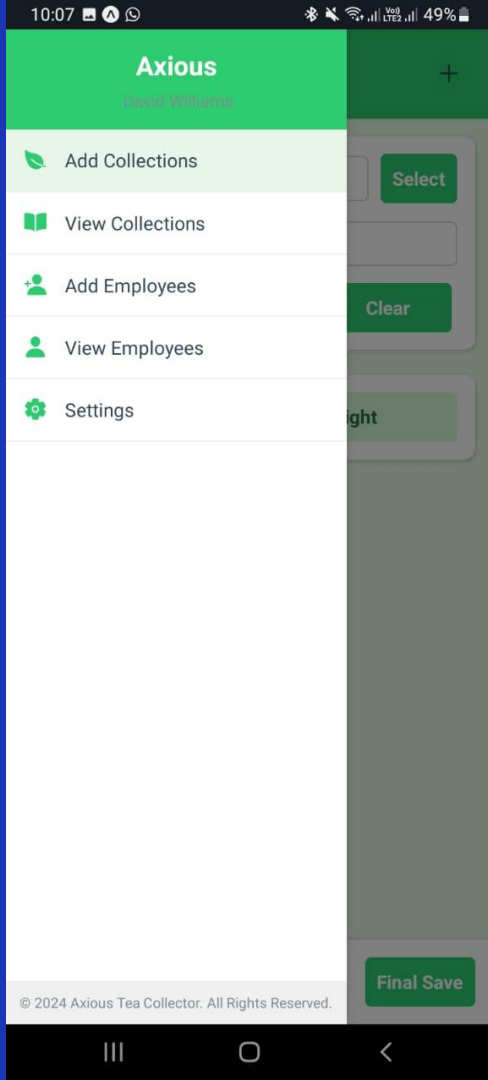
Total Weight

Add Collections

View Collections



Date	Order ID	Total Weight (kg)
2024-12-21	ORD1734758674466	5.19
2024-12-21	ORD1734724762918	3.96
2024-12-21	ORD1734761650105	17.25
2024-12-20	ORD1734706941169	2.29
2024-12-19	ORD1734627922833	1544.12
2024-11-20	ORD1732041646282	210.00
2024-11-20	ORD1732041689688	70.00
2024-11-20	ORD1732045576958	420.00



Menu

Add Employee

10:08 49%

Add Collections

Emp Id Enter Emp ID Select

Weight Enter Weight

Add New Employee

Employee First Name

Employee Last Name

Mobile Number

NIC

Add Employee

Close

Total Weight 0 Final Save

10:08 100% 49%

☰ Add Collections +

Emp Id

Search by ID or Name

1005 - Charitha Attalage
Mobile: 0719376446 | NIC: 200001511027

1007 - Daniel Hope
Mobile: 0789389667 | NIC: 200178119025

1008 - Luffy Silva
Mobile: 0765498828 | NIC: 200301566717

1013 - Elon Musk
Mobile: 0775556863 | NIC: 200301522045

1014 - David Peris
Mobile: 0785523698 | NIC: 200201544045

Total Weight

View Employee

Prototype

