

User Stories for Warehouse Management System

Version - 2

User Stories as a farmer:

1. Profile Creation

As a farmer, I want to create a profile by entering my name, email ID, contact number, and address so that I can access the warehouse booking service.

Acceptance Criteria:

Farmer can enter name, email, contact number, and address.

Profile information is saved and displayed correctly.

Farmer receives confirmation of successful profile creation.

2. Finding Nearby Warehouses

As a farmer, I want to find warehouses close to my location so that I can conveniently store my produce.

Acceptance Criteria:

Farmer can input their location.

System displays a list of nearby warehouses.

Warehouses are shown with relevant details (capacity, rates).

3. Choosing Warehouse Storage Capacity

As a farmer, I want to view different warehouse options with various storage capacities so that I can choose the one that fits my produce storage needs.

Acceptance Criteria:

Farmer can view detailed information for each warehouse.

Details include location, storage capacity, rental rates, and facilities.

Farmer can see real-time availability.

4. Booking a Warehouse

As a farmer, I want to book a warehouse for a specific duration so that I can store my produce for the required period.

Acceptance Criteria:

Farmer can select a warehouse and specify rental dates.

Booking request is submitted and recorded.

Farmer receives confirmation of booking request submission.

5. Payment Options

As a farmer, I want to choose between cash payment and online pre-payment for the warehouse rental so that I can select the payment method that suits me best.

Acceptance Criteria:

Farmer can choose payment method (cash or online).

Payments are processed securely and promptly.

Farmer receives payment confirmation and receipt.

6. Receiving Confirmation

As a farmer, I want to receive a confirmation of my warehouse booking and payment so that I know my storage and transport arrangements are secured.

Acceptance Criteria:

Farmer can view current and past bookings.

Bookings include details like dates, warehouse info, and payment status.

Farmer can cancel or modify bookings if needed.

7. Updating Profile Information

As a farmer, I want to update my profile information, such as my contact number and address, so that my account details are always current.

Acceptance Criteria:

Farmer receives notifications when bookings are confirmed.

Notifications include booking details and contact information.

Confirmation status is updated in their booking history.

8. Viewing Booking History

As a farmer, I want to view my past warehouse bookings so that I can keep track of my storage usage over time.

Acceptance Criteria:

Farmer can view a history of all payments made.

Payment history includes dates, amounts, and transaction details.

History is searchable and sortable for easy reference.

9. Customer Support

As a farmer, I want to contact customer support for assistance with my bookings so that I can quickly resolve any issues.

Acceptance Criteria:

Farmer can view ratings and reviews for each warehouse.

Ratings are displayed clearly with recent feedback.

Reviews can be sorted by date or rating.

User Stories as Warehouse Owner:

1. Profile Creation

As a warehouse owner, I want to create a profile by entering my name, email ID, contact number, and address so that I can list my warehouse for customers to book.

Acceptance Criteria:

Warehouse owner can enter name, email, contact number, and address.

Profile information is saved and displayed correctly.

Owner receives confirmation of successful profile creation.

2. Listing Warehouse Details

As a warehouse owner, I want to provide details about my warehouse, such as location, storage capacity, and rental rates, so that potential customers can see and book it.

Acceptance Criteria:

Owner can input warehouse location, storage capacity, and rental rates.

Listings are saved and shown to customers.

Details can be edited and updated as needed.

3. Managing Availability

As a warehouse owner, I want to update the availability of my warehouse to ensure customers have accurate information when making bookings.

Acceptance Criteria:

Owner can update warehouse availability.

Changes are reflected in real-time.

Customers see accurate availability information.

4. Viewing Booking Requests

As a warehouse owner, I want to view booking requests from farmers so that I can approve or decline them based on availability and other criteria.

Acceptance Criteria:

Owner can view all incoming booking requests.

Requests show relevant details (e.g., dates, customer info).

Owner can approve or decline requests.

5. Confirming Bookings

As a warehouse owner, I want to confirm bookings and notify customers so that they know their reservation is secured.

Acceptance Criteria:

Owner can confirm bookings.

Confirmation notifications are sent to customers.

Booking status is updated to confirmed.

6. Receiving Payments

As a warehouse owner, I want to receive payments from customers, whether in cash or online, so that I get compensated for the warehouse rental.

Acceptance Criteria:

Owner can set payment preferences (cash or online).

Payments are processed and recorded correctly.

Owner receives payment confirmation.

7. Updating Warehouse Information

As a warehouse owner, I want to update the details of my warehouse, such as storage capacity, facilities, and rental rates, so that customers have the most current information.

Acceptance Criteria:

Owner can edit warehouse details (e.g., capacity, facilities).

Updates are saved and reflected in listings.

Customers see the most current information.

8. Viewing Booking History

As a warehouse owner, I want to view the history of all bookings for my warehouse to track usage and manage my business effectively.

Acceptance Criteria:

Owner can view a list of past bookings.

History includes dates, customer info, and payment status.

Booking history is searchable and sortable.

9. Customer Support

As a warehouse owner, I want to contact customer support for assistance with my listings or bookings to resolve any issues quickly.

Acceptance Criteria:

Owner can contact support via the platform.

Support queries are tracked and resolved promptly.

Owner receives responses within a specified timeframe.

10. Managing Reviews and Ratings

As a warehouse owner, I want to view and respond to customer reviews and ratings to improve my service and maintain a good reputation.

Acceptance Criteria:

Owner can view customer reviews and ratings.

Owner can respond to reviews.

Reviews and responses are visible to other customers.

11. Promoting Warehouse

As a warehouse owner, I want to promote my warehouse on the platform to attract more customers and increase my bookings.

Acceptance Criteria:

Owner can promote their warehouse listing.

Promotions are visible to more potential customers.

Promotional status and effectiveness can be tracked.

12. Tracking Earnings

As a warehouse owner, I want to track my earnings from warehouse rentals over time to monitor my business performance.

Acceptance Criteria:

Owner can view earnings from warehouse rentals.

Earnings reports are available and up-to-date.

Reports include total earnings, pending payments, and transaction history.

13. Handling Cancellations

As a warehouse owner, I want to manage and handle booking cancellations efficiently to adjust availability and offer the warehouse to other customers.

Acceptance Criteria:

Owner can manage booking cancellations.

Availability is updated when a booking is canceled.

Canceled bookings are recorded in the booking history.

User Stories as System Admin:

1. User Management

As a system admin, I want to create, update, and delete user accounts so that I can manage who has access to the system.

Acceptance Criteria:

Admin can create new user accounts.

Admin can update existing user accounts.

Admin can delete user accounts.

Changes are saved and reflected immediately.

2. Monitoring System Performance

As a system admin, I want to monitor system performance and server health to ensure the website runs smoothly.

Acceptance Criteria:

Admin can view real-time system performance metrics.

Admin receives alerts for any performance issues.

Performance logs are accessible for the past month.

3. Managing Warehouse Listings

As a system admin, I want to review and approve warehouse listings to ensure only valid and reliable listings are available to users.

Acceptance Criteria:

Admin can review new warehouse listings.

Admin can approve or reject listings.

Approved listings appear on the user side.

Rejected listings are removed from the user view.

4. Handling User Queries

As a system admin, I want to respond to user queries and issues promptly to provide effective customer support.

Acceptance Criteria:

Admin can view all user queries.

Admin can respond to queries within the system.

User receives notification of the admin's response.

Query status changes to resolved once answered.

5. Maintaining Security

As a system admin, I want to implement and update security measures to protect user data and system integrity.

Acceptance Criteria:

Admin can update security settings.

Security logs are kept and can be reviewed.

Unauthorized access attempts trigger alerts.

Users are forced to change passwords regularly.

6. System Updates

As a system admin, I want to apply system updates and patches to keep the software up-to-date and secure.

Acceptance Criteria:

Admin can apply system updates.

System downtime is minimized and communicated.

Updates are logged with details.

System functions correctly post-update.

7. Data Backup

As a system admin, I want to perform regular data backups to ensure data is not lost and can be restored in case of system failures.

Acceptance Criteria:

Regular backups are scheduled and completed.

Admin can manually initiate a backup.

Backup status notifications are received.

Data can be restored from backups.

8. Access Control

As a system admin, I want to manage access control settings to ensure users have the appropriate permissions for their roles.

Acceptance Criteria:

Admin can set user permissions.

Permissions are applied immediately.

Access logs are maintained.

Unauthorized access attempts are blocked and logged

9. Monitoring User Activity

As a system admin, I want to monitor user activity to detect and prevent any unauthorized actions or breaches.

Acceptance Criteria:

Admin can view user activity logs.

Suspicious activity triggers alerts.

Activity logs are kept for a specified period.

Logs are accessible for review and reporting.

10. Generating Reports

As a system admin, I want to generate reports on system usage, performance, and security to provide insights and improve operations.

Acceptance Criteria:

Admin can generate usage reports.

Reports include key metrics on performance and security.

Reports can be exported in common formats (PDF, CSV).

Reports are generated quickly and accurately.

Tools and Technologies we will be using:

HTML

CSS

JavaScript

React

Postgre SQL

Databases

Python

Figma