Pega GenAI ✦ Blueprint ™

APPLICATION OVERVIEW DOCUMENT

AI wala panipuri

Congratulations on completing your application definition! This document presents a summary overview of your application as defined in the Pega platform. It encapsulates the key elements of your application's design, highlighting its core functionalities and overall structure.

Please note that this is a high-level view and does not include granular details like data models or sample data. It's an ideal resource for a quick reference, facilitating discussions among team members and stakeholders, and for guiding strategic decisions in your application development process.
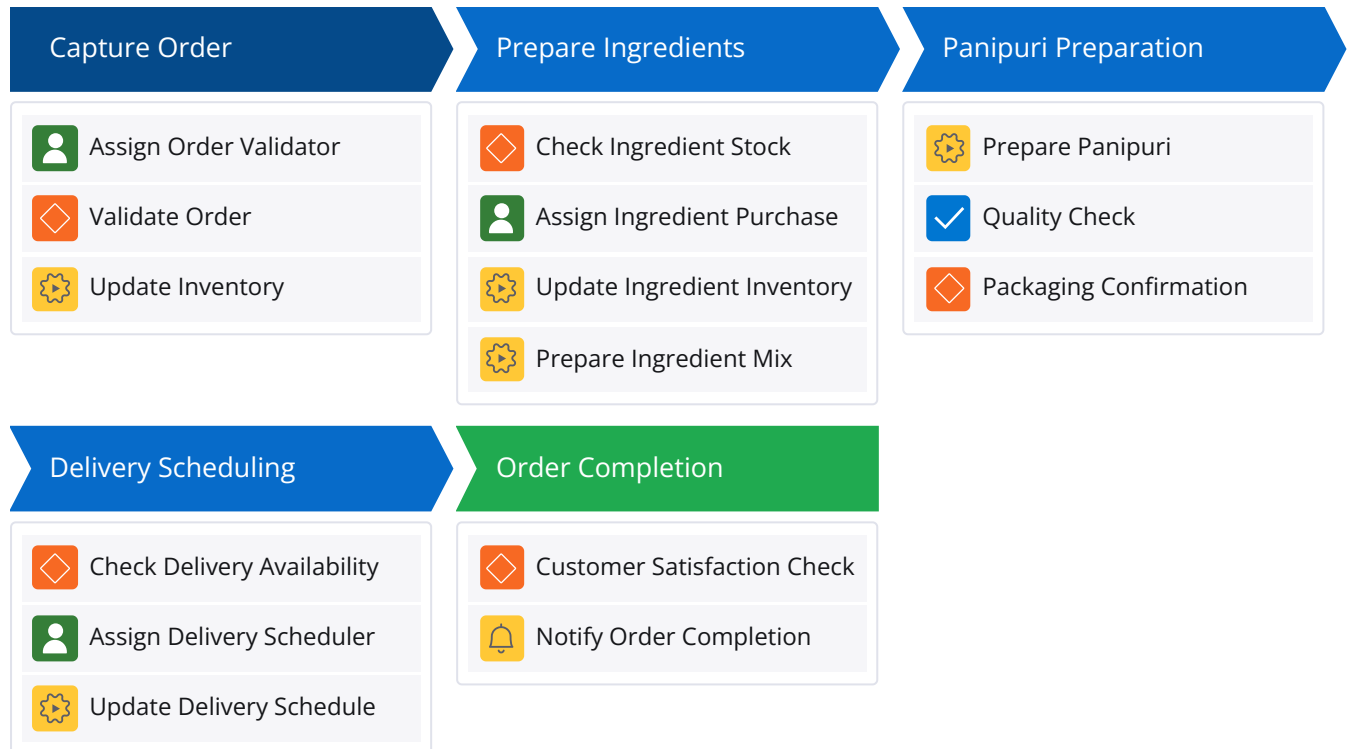
Blueprint ID: BP-89269

📋 Application Context

Organization name
Aditya College of Engineering and Technology

Industry
Other

Language
English

Application purpose
AI wala panipuri

Functional description
to sale panipuri

📁 Case Types

Order Processing

Order Processing Case Type manages the end-to-end workflow for handling customer orders of panipuri. It includes order validation, inventory check, preparation, and delivery scheduling to ensure timely and accurate order fulfillment.
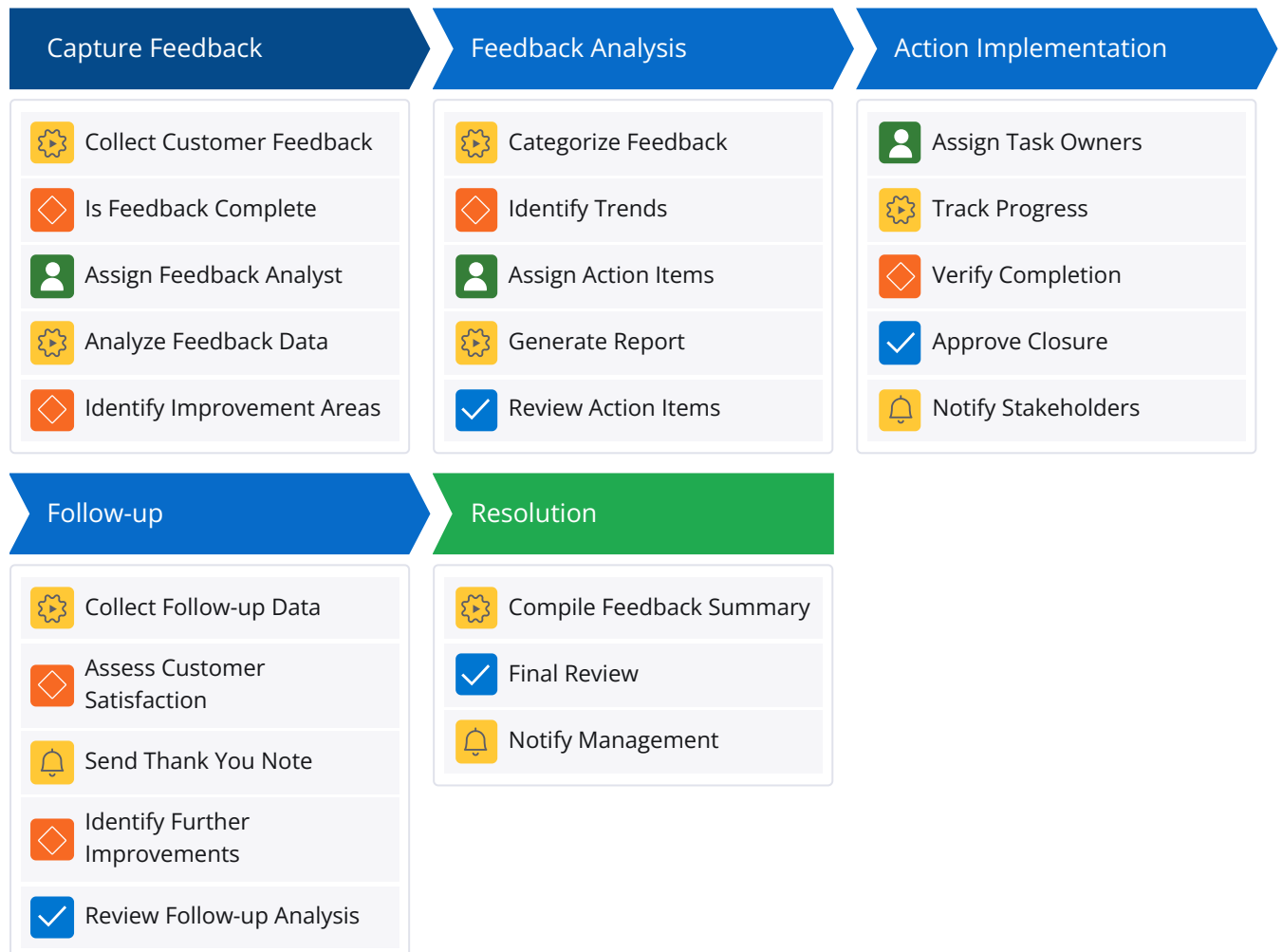
Capture Order	Prepare Ingredients	Panipuri Preparation
👤 Assign Order Validator	◇ Check Ingredient Stock	⚙ Prepare Panipuri
◇ Validate Order	👤 Assign Ingredient Purchase	✔ Quality Check
⚙ Update Inventory	⚙ Update Ingredient Inventory	◇ Packaging Confirmation
	⚙ Prepare Ingredient Mix	

Delivery Scheduling	Order Completion
◇ Check Delivery Availability	◇ Customer Satisfaction Check
👤 Assign Delivery Scheduler	🔔 Notify Order Completion
⚙ Update Delivery Schedule	

Field Name	Description	Type	Primary
Case ID	Unique identifier for this individual case instance	Text	✔
Case Label	Label for this individual case instance	Text	✔
Contact Number	The customer's contact number.	Text	✔
Customer ID	The unique identifier for the customer placing the order.	Text	✔
Customer Name	The customer's full name.	Text	✔
Delivery Address	The address where the order is to be delivered.	Text	✔
Order Date	The date and time when the order was placed.	DateTime	✔
Urgency	Priority/urgency of the case	Decimal	✔
Work Status	Work status of the case	Text	✔
Created by	User that created the case	Text	
Created...	Date/time case was created	DateTime	
Delivery...	The scheduled date and time for order delivery.	DateTime	

Field Name	Description	Type	Primary
Description	Description for this individual case instance	Text	
Order Validated	Indicates whether the order has been validated for…	Boolean	
Panipuri Type	The type or flavor of panipuri ordered.	Text	
Quantity	The quantity of panipuri ordered.	Integer	
Resolved by	User that resolved the case	Text	
Resolved…	Date/time case was resolved	DateTime	
Special…	Special instructions or requests from the customer…	Text	

Customer Feedback

Customer Feedback Case Type captures and processes feedback from customers regarding the quality, taste, and service of the panipuri. It involves feedback collection, analysis, and resolution to maintain customer satisfaction and improve the overall product and service offerings.
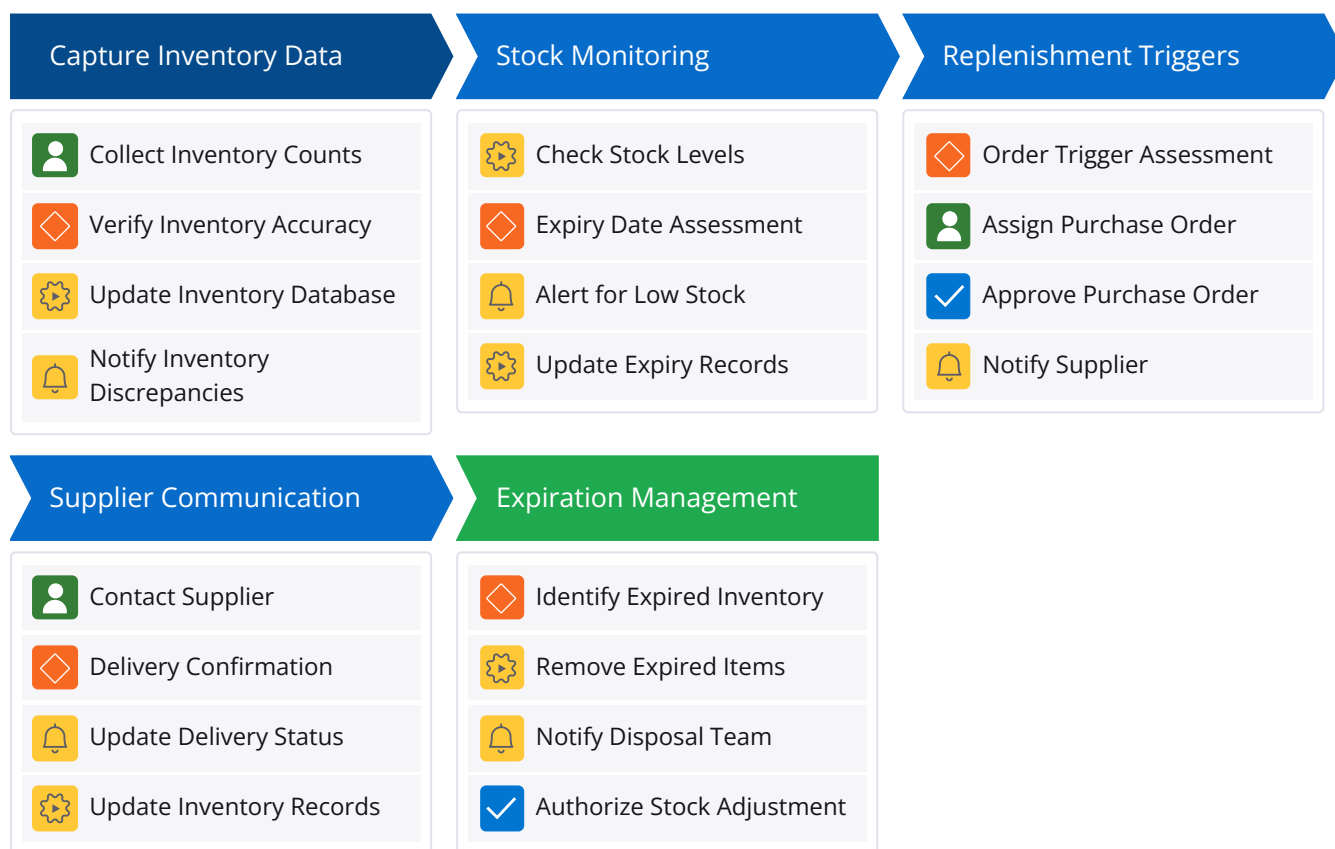
Capture Feedback	Feedback Analysis	Action Implementation
⚙️ Collect Customer Feedback	⚙️ Categorize Feedback	👤 Assign Task Owners
◇ Is Feedback Complete	◇ Identify Trends	⚙️ Track Progress
👤 Assign Feedback Analyst	👤 Assign Action Items	◇ Verify Completion
⚙️ Analyze Feedback Data	⚙️ Generate Report	✅ Approve Closure
◇ Identify Improvement Areas	✅ Review Action Items	🔔 Notify Stakeholders

Follow-up	Resolution
⚙️ Collect Follow-up Data	⚙️ Compile Feedback Summary
◇ Assess Customer Satisfaction	✅ Final Review
🔔 Send Thank You Note	🔔 Notify Management
◇ Identify Further Improvements	
✅ Review Follow-up Analysis	

Field Name	Description	Type	Primary
Case ID	Unique identifier for this individual case instance	Text	✔
Case Label	Label for this individual case instance	Text	✔
Case Number	The unique identifier for the customer feedback case.	Text	✔
Customer Contact…	The contact number of the customer providing the…	Text	✔
Customer Email	The email address of the customer providing the…	Text	✔
Customer Location	The location or address of the customer providing the…	Text	✔
Customer Name	The name of the customer providing the feedback.	Text	✔
Feedback…	The date and time when the feedback was submitted…	Text	✔
Urgency	Priority/urgency of the case	Decimal	✔

Field Name	Description	Type	Primary
Work Status	Work status of the case	Text	✓
Case Status	The current status of the feedback case (e.g., open, in...	Text	
Created by	User that created the case	Text	
Created date/time	Date/time case was created	DateTime	
Description	Description for this individual case instance	Text	
Feedback Category	The specific aspect of the panipuri (e.g., taste, quality,...	Text	
Feedback...	The detailed description of the feedback provided by...	Text	
Priority	The assigned priority for addressing the feedback (e.g...	Text	
Resolved by	User that resolved the case	Text	
Resolved date/time	Date/time case was resolved	DateTime	

Inventory Management

Inventory Management Case Type tracks the inventory levels of various ingredients and supplies required for making panipuri. It includes stock monitoring, replenishment triggers, supplier communication, and expiration management to ensure continuous production and prevent stockouts.

Capture Inventory Data	Stock Monitoring	Replenishment Triggers
👤 Collect Inventory Counts	⚙️ Check Stock Levels	◇ Order Trigger Assessment
◇ Verify Inventory Accuracy	◇ Expiry Date Assessment	👤 Assign Purchase Order
⚙️ Update Inventory Database	🔔 Alert for Low Stock	✓ Approve Purchase Order
🔔 Notify Inventory Discrepancies	⚙️ Update Expiry Records	🔔 Notify Supplier

Supplier Communication	Expiration Management
👤 Contact Supplier	◇ Identify Expired Inventory
◇ Delivery Confirmation	⚙️ Remove Expired Items
🔔 Update Delivery Status	🔔 Notify Disposal Team
⚙️ Update Inventory Records	✓ Authorize Stock Adjustment

Field Name	Description	Type	Primary
Case ID	Unique identifier for this individual case instance	Text	✓
Case Label	Label for this individual case instance	Text	✓
Current Stock Level	The current quantity of the inventory item in stock,…	Decimal	✓
Inventory Item ID	The unique identifier for the inventory item, such as…	Text	✓
Item Name	The name or description of the inventory item, such a…	Text	✓
Reorder Point	The minimum threshold of stock level at which a…	Decimal	✓
Supplier Name	The name of the supplier or vendor from whom the…	Text	✓
Urgency	Priority/urgency of the case	Decimal	✓
Work Status	Work status of the case	Text	✓
Created by	User that created the case	Text	
Created date/time	Date/time case was created	DateTime	

Field Name	Description	Type	Primary
Description	Description for this individual case instance	Text	
Expiration Date	The expiration date of the inventory item, if applicable.	DateTime	
In Stock	Indicates whether the inventory item is currently in…	Boolean	
Last Replenishme…	The date and time when the inventory item was last…	DateTime	
Notes	Additional notes or comments related to the inventor…	Text	
Resolved by	User that resolved the case	Text	
Resolved date/time	Date/time case was resolved	DateTime	
Supplier Contact	The contact information for the supplier, such as ema…	Text	

Supplier Relationship

Supplier Relationship Case Type manages the interactions with suppliers of raw materials, spices, and packaging for the panipuri. It involves supplier onboarding, contract management, quality assurance, and payment processing to maintain a reliable and cost-effective supply chain.
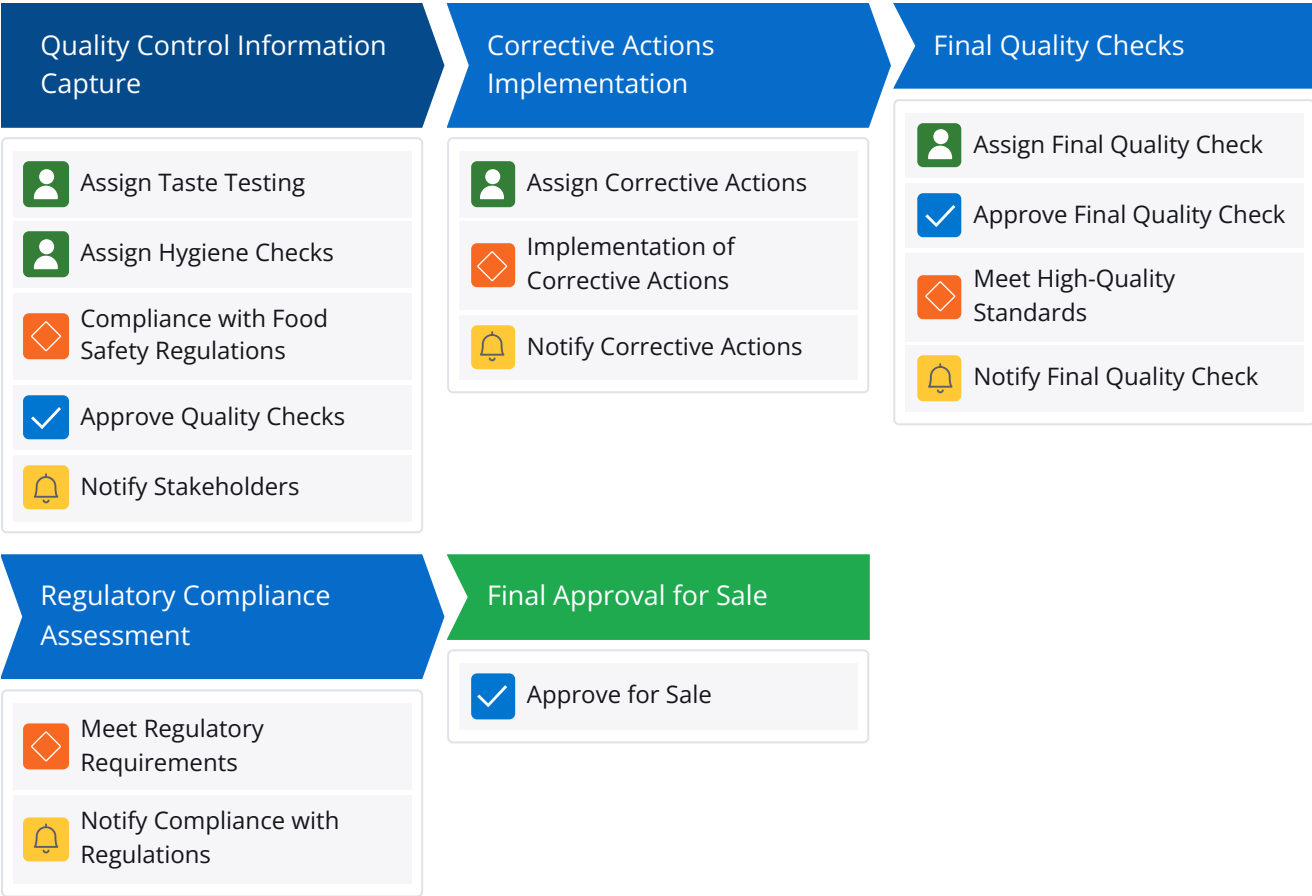
Supplier Onboarding

- 👤 Collect Supplier Information
- ✅ Review Supplier Documentation
- ◈ Validate Supplier Credentials
- 🔔 Notify Supplier Approval
- ⚙ Create Supplier Record

Contract Management

- 👤 Negotiate Contract Terms
- ✅ Approve Contract
- ◈ Review Legal Compliance
- ⚙ Generate Contract Document

Quality Assurance

- 👤 Inspect Incoming Materials
- ◈ Quality Compliance Check
- ⚙ Update Quality Records

Payment Processing

- 👤 Verify Invoice Details
- ✅ Authorize Payment
- ◈ Payment Approval Check
- ⚙ Process Payment

Supplier Relationship Closure

- ◈ End of Contract Assessment
- 🔔 Notify Contract Termination
- ⚙ Archive Supplier Data

Field Name	Description	Type	Primary
Case ID	Unique identifier for this individual case instance	Text	✓
Case Label	Label for this individual case instance	Text	✓
Primary Contact...	The email address of the primary contact person at th...	Email	✓
Primary Contact...	The primary contact person at the supplier's...	Text	✓
Supplier ID	The unique identifier for the supplier.	Text	✓
Supplier Name	The legal name of the supplier entity.	Text	✓
Urgency	Priority/urgency of the case	Decimal	✓
Work Status	Work status of the case	Text	✓
Contract Value	The total value of the contract with the supplier.	Currency	
Created by	User that created the case	Text	

Field Name	Description	Type	Primary
Created date/time	Date/time case was created	DateTime	
Description	Description for this individual case instance	Text	
Onboarding Date	The date when the supplier was onboarded into the…	DateTime	
Primary Address	The address of the supplier's primary location.	Text	
Primary Phone…	The primary phone number for contacting the supplier.	Phone	
Quality Assuranc…	Indicates whether the supplier has passed the quality…	Boolean	
Resolved by	User that resolved the case	Text	
Resolved…	Date/time case was resolved	DateTime	
Supplied Raw…	The type of raw materials supplied by the supplier (e.g…	Text	

Quality Assurance

Quality Assurance Case Type oversees the quality control processes for the panipuri, including taste testing, hygiene checks, and compliance with food safety regulations. It ensures that the panipuri consistently meets high-quality standards and regulatory requirements.

Quality Control Information Capture
👤 Assign Taste Testing
👤 Assign Hygiene Checks
🔶 Compliance with Food Safety Regulations
✅ Approve Quality Checks
🔔 Notify Stakeholders

Corrective Actions Implementation
👤 Assign Corrective Actions
🔶 Implementation of Corrective Actions
🔔 Notify Corrective Actions

Final Quality Checks
👤 Assign Final Quality Check
✅ Approve Final Quality Check
🔶 Meet High-Quality Standards
🔔 Notify Final Quality Check

Regulatory Compliance Assessment
🔶 Meet Regulatory Requirements
🔔 Notify Compliance with Regulations

Final Approval for Sale
✅ Approve for Sale

Field Name	Description	Type	Primary
Case ID	Unique identifier for this individual case instance	Text	✓
Case Label	Label for this individual case instance	Text	✓
Case Number	Unique Identifier for the Quality Assurance Case	Text	✓
Initiation Date	The date when the Quality Assurance Case was initiated	Text	✓
Resolution Date	The date when the Quality Assurance Case was resolved	Text	✓
Urgency	Priority/urgency of the case	Decimal	✓
Work Status	Work status of the case	Text	✓
Batch Number	The unique identifier for the batch of panipuri being...	Text	
Comments	Any notes or comments related to the quality assuranc...	Text	
Compliance...	The compliance status with food safety regulations	Text	
Created by	User that created the case	Text	

Field Name	Description	Type	Primary
Created date/time	Date/time case was created	DateTime	
Description	Description for this individual case instance	Text	
Hygiene Check...	The outcome of the hygiene checks conducted on the...	Text	
Inspector Name	The name of the employee conducting the taste testing...	Text	
Quality Rating	The overall quality rating of the panipuri	Text	
Resolved by	User that resolved the case	Text	
Resolved...	Date/time case was resolved	DateTime	
Taste Test Result	The outcome of the taste testing process	Text	

⬢ Live Data

Panipuri

Panipuri: Represents the panipuri product with attributes like flavor, ingredients, price, and availability. It connects to the Inventory Management System to track stock levels and the Sales System to process transactions.

Customer

Customer: Captures customer information such as name, contact details, and purchase history. It integrates with the Customer Relationship Management (CRM) system for managing customer interactions and sales leads.

Order

Order: Represents a customer's panipuri order including details like order date, quantity, total amount, and delivery address. It links to the Order Management System for order processing and fulfillment.

Supplier

Supplier: Holds information about panipuri ingredient suppliers, including name, contact details, and payment terms. It is associated with the Supplier Relationship Management (SRM) system for supplier management and procurement.

Payment

Payment: Stores payment details such as transaction amount, method, and status. It interfaces with the Payment Gateway for secure payment processing and the Financial System for accounting purposes.

Order

Represents the Payment Data Object and holds attributes like Payment Method, Amount, Transaction ID. It is ideally connected to the Payment Gateway for secure payment processing and the Accounting System for financial records.

Payment

Represents the Inventory Data Object and holds attributes like Product Name, Quantity, Location. It is ideally connected to the Inventory Management System for real-time stock tracking and replenishment.

Inventory

Represents the Supplier Data Object and holds attributes like Supplier Name, Contact Information, Products Supplied. It is ideally connected to the Supplier Management System for managing supplier relationships and procurement.

Supplier

👥 Personas

Panipuri Chef

The Panipuri Chef responsible for preparing and assembling panipuris according to customer orders.

Inventory Manager

The Inventory Manager who oversees the stock of ingredients and ensures their availability for panipuri preparation.

Sales Associate

The Sales Associate who takes customer orders, handles payments, and ensures a smooth customer experience.

Marketing Coordinator

The Marketing Coordinator responsible for promoting the panipuri business through various channels and events.

Quality Control Inspector

The Quality Control Inspector who ensures that the panipuris meet the required standards of taste, hygiene, and presentation.