

Phase 4: Process Automation (Admin) – Replastix Innovation

Validation Rules

Validation rules ensure data integrity by enforcing business rules before a record is saved. Example: Plastic Waste Weight cannot be negative, or Status must be selected before saving.

Workflow Rules

Workflow rules automate actions based on specific criteria. Actions include: - Email Alerts: Notify users automatically. - Field Updates: Automatically update field values. - Tasks: Assign tasks to users. - Outbound Messages: Send messages to external systems.

Process Builder

Process Builder allows advanced conditional automation with multiple if-then logic. Example: Update Recycled Product Quantity automatically when a new Plastic Waste batch is marked as Recycled.

Approval Process

Approval processes automate record approvals based on defined criteria. Example: Orders above ₹50,000 require manager approval before processing.

Flow Builder

Flow Builder is a declarative automation tool that supports: - Screen Flows: Collect information interactively from users. - Record-Triggered Flows: Automatically trigger actions when a record changes. - Scheduled Flows: Execute actions at specific times. - Auto-Launched Flows: Run processes without user interaction.

Email Alerts

Automatically send emails based on workflow rules or flow triggers. Example: Notify a customer when their Recycled Product order is confirmed.

Field Updates

Automatically update specific fields when criteria are met. Example: Change Plastic Waste Status from Collected to Recycled automatically.

Tasks

Create and assign tasks automatically to users. Example: Assign a task to the Recycling Manager to inspect a new batch of Plastic Waste.

Custom Notifications

Send push notifications within Salesforce to alert users of important updates. Example: Notify the Sales Rep of a new order or low inventory in Recycled Products.

Result of Phase 4

Replastix Innovation's business processes are automated efficiently. Validation rules maintain data integrity, while workflows, approval processes, flows, and notifications ensure smooth and consistent operations without manual intervention.