

1. Lightning App Builder

- Salesforce tool to **create custom pages** for apps without code.
- Allows dragging and dropping components to build responsive UI.
- Example: Replastix Management app can have a **Plastic Waste Dashboard** and related lists on one page.
- **Screenshot placeholder:** Lightning App Builder workspace

2. Record Pages

- Custom layout for **object records** (Plastic Waste, Recycled Product, Order).
- Includes sections like **Highlights Panel, Related Lists, Tabs**.
- Allows **different pages for desktop and mobile**.
- **Screenshot placeholder:** Plastic Waste record page

3. Tabs

- Tabs organize objects in your app for **easy navigation**.
- Types: Standard Tabs (Accounts, Contacts), Custom Tabs (Plastic Waste, Recycled Product).
- Add Tabs in **App Manager → Navigation Items**.
- **Screenshot placeholder:** App navigation bar with tabs

4. Home Page Layouts

- Customize **home page** with dashboards, recent records, and key metrics.
- Example for Replastix:
 - Total Plastic Waste Collected
 - Recycled Products Produced
 - Pending Orders
- **Screenshot placeholder:** Replastix home page layout

5. Utility Bar

- Bottom bar for **quick actions** like:
 - Create New Record
 - Search Plastic Waste Batch
 - Access Reports Dashboard
- **Setup → App Manager → Utility Bar**
- **Screenshot placeholder:** Utility Bar in Lightning app

6. Lightning Web Components (LWC)

- Modern **UI framework** for Salesforce.
- Allows **custom components** with HTML, JavaScript, and CSS.
- Example: Custom table showing Plastic Waste batch status dynamically.
- **Screenshot placeholder:** LWC component preview

7. Apex with LWC

- Use **Apex classes** to fetch or update data from Salesforce in LWC.
- Example: Fetch Plastic Waste data and display in a custom table.
- **Code Example (simplified):**

```
@AuraEnabled
public static List<Plastic_Waste__c> getWasteRecords() {
    return [SELECT Id, Type__c, Weight__c, Status__c FROM
    Plastic_Waste__c];
}
```

8. Events in LWC

- Components can communicate using **Custom Events**.
- Example: Selecting a Plastic Waste batch in one component triggers update in another component.
- **Screenshot placeholder:** Event flow diagram

9. Wire Adapters

- Fetch Salesforce data **reactively** in LWC using `@wire`.
- Example: Display live list of Recycled Products.
- **Screenshot placeholder:** LWC with wired data

10. Imperative Apex Calls

- Call Apex methods **on demand** rather than automatically.
- Example: Trigger an inventory check when a button is clicked.
- **Screenshot placeholder:** Imperative call button in LWC

11. Navigation Service

- Allows **programmatic navigation** in LWC.
- Example: Navigate to a Plastic Waste record when a row is clicked.
- **Screenshot placeholder:** Navigation service example

✅ **Result of Phase 6:** - Fully functional, user-friendly UI for Replastix CRM - Lightning pages, tabs, LWC components, and utility bar ready for operations - Components communicate and fetch data dynamically