**Phase 6: User Interface Development**

In this phase, **WhatNext Vision Motos** enhances the user experience by creating intuitive and modern Salesforce interfaces. Using **Lightning Experience** and **Lightning Web Components (LWC)**, the platform delivers a sleek, responsive, and role-based UI that empowers employees and customers alike.

**Lightning App Builder**

* Used to build custom applications for Sales, Service, and R&D teams.
* Example: *Vehicle Management App* combining vehicle records, service requests, and subscription dashboards.

**Record Pages**

* Customized record pages for *Vehicle*, *Service Request*, and *Customer Account*.
* Example: Service agents see **vehicle details, warranty info, and open service cases** on one screen.

**Tabs**

* Dedicated tabs for custom objects like *Vehicles*, *Mobility Subscriptions*, and *Charging Stations*.
* Provides quick navigation across key business modules.

**Home Page Layouts**

* Personalized dashboards on the home page.
* Example: Sales reps see leads & opportunities, service agents see pending service requests, and executives see performance KPIs.

**Utility Bar**

* Adds quick-access tools like *Global Search*, *Notes*, *Recent Records*, and *Live Chat*.
* Example: A “Quick Vehicle Lookup” component to fetch VIN details instantly.

**LWC (Lightning Web Components)**

* Modern, reusable UI components for seamless performance.
* Example: A *Vehicle Service Tracker* LWC displaying live status updates for repairs.

**Apex with LWC**

* Fetches backend logic using Apex methods.
* Example: Apex retrieves *Service History* or *Subscription Billing Data*, and LWC presents it in a dynamic table.

**Events in LWC**

* **Custom Events**: Notify parent components when a service record is updated.
* **Application Events**: Trigger system-wide updates (e.g., new service request logged).

**Wire Adapters**

* Used for real-time Salesforce data binding.
* Example: @wire(getRecord) to display vehicle details without writing explicit SOQL queries.

**Imperative Apex Calls**

* For on-demand data retrieval, such as fetching live IoT readings from an external API when a user clicks “Check Battery Health.”

**Navigation Service**

* Provides smooth navigation across Salesforce pages.
* Example: Redirect users from a *Vehicle Record Page* to related *Service Request Page* with a single click.