

Phase 6: User Interface Development

Key Activities:

- Lightning App Builder
- Record Pages, Tabs, Home Page Layouts, Utility Bar
- LWC (Lightning Web Components)
- Apex with LWC
- Events in LWC
- Wire Adapters, Imperative Apex Calls
- Navigation Service

Description:

For Institute Management UI:

1. Use Lightning App Builder to create custom pages (Course Dashboard, Student List).
2. LWC Components:
 - Attendance Marker Component
 - Course Enrollment Form
 - Student Profile Card with dynamic data
3. Use Apex to fetch student list with wire adapters.
4. Show SLDS modals and toast notifications.
5. Navigation to Course detail from Student record.

Outcome:

Modern, responsive Lightning UI providing easy access to institute functions.