### Project Design Phase - Part 2

### Open Source Frameworks

|  |  |
| --- | --- |
| **NM ID** | **8073B6FD2C609D2A026419D64F1FD32** |
| **PROJECT TITTLE** | **BUILD IN EVENT MANAGEMENT USING SALESFORCE** |

* [**Delivering Custom Notifications with Platform Events**](https://developer.salesforce.com/docs/atlas.en-us.platform_events.meta/platform_events/platform_events_overview.htm)  
  Platform events are part of Salesforce’s enterprise messaging platform. The platform provides an event-driven messaging architecture to enable apps to communicate inside and outside of Salesforce. Before diving into platform events, take a look at what an event-based software system is.
* [**Defining Your Custom Platform Event**](https://developer.salesforce.com/docs/atlas.en-us.platform_events.meta/platform_events/platform_events_define.htm)  
  Custom platform events are sObjects, similar to custom objects. Define a platform event in the same way you define a custom object.
* [**Publishing Platform Events**](https://developer.salesforce.com/docs/atlas.en-us.platform_events.meta/platform_events/platform_events_publish.htm)  
  After a platform event has been defined in your Salesforce org, publish event messages from a Salesforce app using processes, flows, or Apex or an external app using Salesforce APIs.
* [**Subscribing to Platform Events**](https://developer.salesforce.com/docs/atlas.en-us.platform_events.meta/platform_events/platform_events_subscribe.htm)  
  Receive platform events in processes, flows, Apex triggers, or CometD clients.
* [**Testing Your Platform Event in Apex**](https://developer.salesforce.com/docs/atlas.en-us.platform_events.meta/platform_events/platform_event_apex_tests.htm)  
  Add Apex tests to test platform event subscribers. Before you can package or deploy Apex code, including triggers, to production, it must have tests and sufficient code coverage. Add Apex tests to provide code coverage for your triggers.
* [**Encrypting Platform Event Messages at Rest in the Event Bus**](https://developer.salesforce.com/docs/atlas.en-us.platform_events.meta/platform_events/platform_events_encryption.htm#platform_events_encryption)  
  For increased security, you can enable encryption of platform event messages while they’re stored in the event bus in a Shield Encryption org.
* [**Monitor Platform Event Publishing and Delivery Usage**](https://developer.salesforce.com/docs/atlas.en-us.platform_events.meta/platform_events/platform_events_monitor_usage.htm)  
  To get usage data for event publishing and delivery to CometD and Pub/Sub API clients, empApi Lightning components, and event relays, query the PlatformEventUsageMetric object. If Enhanced Usage Metrics isn’t enabled, usage data is available for the last 24 hours, ending at the last hour, and for historical daily usage. PlatformEventUsageMetric is available in API version 50.0 and later. In API 58.0 and later, you can enable Enhanced Usage Metrics so you can get usage data by event name and client for granular time intervals.
* [**Platform Event Considerations**](https://developer.salesforce.com/docs/atlas.en-us.platform_events.meta/platform_events/platform_event_extras.htm)  
  Learn about special behaviors related to defining, publishing, and subscribing to platform events. Learn how to test platform events. And get an overview of the various events that Salesforce offers.
* [**Examples**](https://developer.salesforce.com/docs/atlas.en-us.platform_events.meta/platform_events/platform_events_examples.htm)  
  Check out platform event apps—an end-to-end example using flows, Java examples, and a sample app that covers a business scenario.
* [**Reference**](https://developer.salesforce.com/docs/atlas.en-us.platform_events.meta/platform_events/platform_events_reference.htm)  
  The reference documentation for platform events covers limits, an API object, and Apex methods.