Open Source Frameworks

Adding an open-source framework to your project for implementing a CRM for result tracking of candidates with internal marks can enhance the system's capabilities and flexibility. Here's a suggestion for an open-source framework that you can integrate into your project:

Elasticsearch and Kibana:

Elasticsearch:

Elasticsearch is an open-source search and analytics engine that can be used to efficiently store, search, and analyze large volumes of data, including academic records and internal marks.It offers powerful full-text search capabilities, making it easier to find specific data points and patterns within the academic records.Elasticsearch can help in real-time data indexing, searching, and retrieval, ensuring that the result tracking process is quick and accurate.

Kibana:

Kibana is an open-source data visualization and exploration tool that works seamlessly with Elasticsearch.It enables you to create interactive dashboards and reports to visualize candidate performance data, providing insights at a glance.Kibana's visualization features can help in tracking trends, identifying areas for improvement, and making data-driven decisions.Integrating Elasticsearch and Kibana into your CRM for result tracking can offer the following

Benefits:

Improved Search and Retrieval: Elasticsearch's full-text search capabilities make it easy to find and retrieve specific candidate records and internal marks, even from a large dataset.

Real-Time Analytics: Elasticsearch can process and index data in real-time, allowing you to get up-to-the-minute insights into candidate performance.

Custom Dashboards: Kibana's customizable dashboards enable you to create visual representations of the data that are most relevant to your institution, making it easier to track results and performance trends.

Scalability: Elasticsearch is designed to handle large datasets and can scale as your institution's data grows.

Data Security: Elasticsearch can be configured to implement security features to protect sensitive academic data.