**Technical Architecture**

In this activity you are expected to come up with the technology architecture diagram.

Implementing CRM for Result Tracking

User

implementing crm for result tracking of a candidate with internal marks,proposed solution

Implementing a CRM (Customer Relationship Management) system for result tracking of a candidate with internal marks is a good way to manage candidate data and their academic progress. Here's a proposed solution:

Data Collection and Integration:

Collect and integrate candidate data, including personal information, enrollment details, and internal marks, from various sources like enrollment forms, databases, and academic records.

Customization:

Customize the CRM to include specific fields for internal marks, courses, and other relevant academic data.

User Access Levels:

Define user roles and access levels to ensure that only authorized personnel can access and modify candidate records.

Dashboard:

Create a dashboard for candidates to view their own progress, including internal marks, course schedules, and academic milestones.

Automated Data Entry:

Implement automated data entry methods, such as importing data from spreadsheets or integrating with other academic systems, to reduce manual data input.

Notification System:

Set up a notification system to alert candidates and relevant staff about important academic events, such as exam dates, assignment deadlines, and results publication.

Data Analysis:

Use data analytics tools to generate reports and insights on candidate performance and trends. This can help in identifying candidates who may need additional support

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Security and Privacy:

Ensure robust security measures to protect candidate data and adhere to privacy regulations like GDPR.

Mobile Access:

Develop a mobile-friendly application or responsive web interface for candidates to access their information on the go.

Integration with Other Systems:

Integrate the CRM with other relevant systems, such as Learning Management Systems (LMS), to streamline the academic process.

Training and Support:

Provide training to staff and candidates on how to use the CRM effectively. Offer support for any technical issues or questions.

Feedback Mechanism:

Include a feedback mechanism for candidates to report issues or suggestions for improvement.

Scalability:

Design the CRM to be scalable to accommodate a growing number of candidates and their data.

Regular Updates:

Keep the CRM system up to date with the latest features, security patches, and improvements.

Testing and Quality Assurance:

Conduct thorough testing to ensure the system works reliably and meets the requirements.

Data Backup and Recovery:

Implement a robust data backup and recovery system to prevent data loss.

Compliance:

Ensure that the CRM complies with academic standards and regulations in your region.