Implementation of Result based Management Solution to Plan, Track Actions, Outcomes & Impacts

DATAMATICS®
Data to Intelligence

Client's Business Need

- Upgrade the Result-based Management System towards planning, monitoring, and reporting

- Integrate it with other enterprise systems as well as legacy data and utilize across global offices

- Provide a feature-rich and easy-to-use user interface having high usability

International Organization

Datamatics' Solution

Datamatics conducted a detailed analysis and implemented the solution in an iterative manner and had the following features:

- **Robust Design:** The solution comprised inherent scalability, reusability and extensibility features.

- **Highly Responsive UI:** UI Design was done using bootstrap and HTML5, which supports various screen resolutions including smart phones.

- **ROI-driven:** Onsite requirements analysis and offshore development was performed to ensure proper understanding of requirements while giving cost benefit to client.

- **New-age Technology guided:** Key technologies used for implementing this solution were:

  - ASP.Net MVC 5.0, Entity Framework 6.0 and Web API as ORM, and TFS/GIT online as code repository

  - Microsoft Azure Service (Azure Web site, Azure SQL Server, Azure Blob Storage) for high scalability and availability

  - Azure Active Directory (AD) and Azure Business to Consumer (B2C) for Authentication

  - Aspose Product for downloading reports

  - Azure Application Insights, an extensible Application Performance Management service for web developers on multiple platforms

- **Agile Methodology:** The solution was delivered in multiple quick releases as per the priority of the functionalities.

- **Multi-tier Architecture:** The solution was based on a multi-tiered architecture and supported loose coupling and security compliance.

- **Continuous Integration:** The builds for the solution were automated and continuous integration was achieved using the afore-mentioned technologies.

Business Benefits

Align plans (Strategic Notes) of global offices **with the Strategic Plan** of the organization and link the contribution (activities, outputs, outcomes) of each branch office with organizational goals

Institutionalize approval mechanism to ensure **100% availability of valid data**, ensure role accountability, and alert the users about the actions they need to take

Increase user productivity **and TAT by 60%** as the system allows to quickly create a plan, monitor the results on a quarterly basis, and perform annual reporting against the created plan

Allow global offices to **monitor their plan** on quarterly basis

Enhance decision making capability to 100% due to high availability of different analytical reports, such as Statistics and Charts shown by Program, by Budget and Expenditure drill down to the specific activity level

Help global offices plan, monitor, and **achieve 100% targets** for the annual report set by the client's headquarters

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