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for Digital Projects

CASE STUDY

**Cash Flow
Management System
For The Largest
Construction Company
In The Middle East**

Verbat Technologies

USA | UAE | INDIA

www.verbat.com

Verbat is a Digital Technology Services company with over 15 years of experience in delivering Internet and Mobile Solutions to Enterprises, through Agile Development and Application Management methodologies



Cash Flow Management System For The Largest Construction Company In The Middle East

Business Need: Digital solution that gives a global cash flow overview

Our client is the largest construction company in the Middle East undertaking numerous projects across the globe, which is the reason why they required a Cash Flow Management System.

Verbat was approached for a solution that can effectively give the company's managers an overview of the cash flow and bank positions on a global scale.

The Challenge

The challenge was to conceive a platform that can integrate a huge amount of data, and extrapolate it to provide meaningful data for making intelligent decisions.

Our Solution: A .NET based computation and analytics application

Verbat's homebrewed agile development methodology enabled us to deliver the application ahead of schedule, without compromising quality or features. The application was based on plans, forecasts, and actuals (monthly cash flow) including bank position. It facilitated various cash flow management operations quickly and effectively while retaining transparency so that the managers get a good overview.

Hierarchy begins at the global manager, and then proceeds to country manager, area manager, and project manager each with different access permissions and visibility. Project accountant or project manager can upload cash flow and daily bank positions corresponding to their projects.

Cash flow either includes plans, forecasts or actuals corresponding to a particular project. The system calculates the overall cash flow analytics using the data and displays the summary for the project manager's dashboard view. Area managers can view the consolidated summary of all projects for the areas allocated to them. Country managers can view the country-wise cash flow summary. Consolidated cash flow summary view is also provided to the global managers on a global level.

Features

Basic features include:

- 1 Simple and user-friendly UI
- 2 Role-based comprehensive dashboard
- 3 Separate overview pages – For Admins, Project Accountants, Project Manager, Area Manager, Country Manager, and Global Manager
- 4 Manage fixed deposit, loans and intra transfers
- 5 Notifications after initiating actions against net intra transfers
- 6 Simplified role-based uploads and approval processes
- 7 Consolidated summary of cash flow and bank positions
- 8 Dynamic color-based display of months based on forecasts – This gives the manager an idea of the cash inflow and outflow at a glance



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Results Streamlined cash flow management, reduced financing complexities, efficient funds allocation

Benefits include:

- ❖ Cash flow management on a global scale based on projects, areas, countries etc.
- ❖ Consolidated summary and reports for better decision-making
- ❖ Easier to assign bank accounts for projects across the globe
- ❖ Complete control and overview of multiple projects for various users
- ❖ Easy allocation of project fund
- ❖ Effective assessment of profit/loss for a month based on location
- ❖ Easy to calculate overall cash flow of individual project
- ❖ Reduced project financing complexities
- ❖ Updated cash flow status based on project segmentation for easy assessment

Technology

Programming Language



.NET

Database Server



MS SQL Server 2008 R2

Hosting Environment



Windows 2008, IIS 7.0