



Microsoft Partner
Silver Application Development

TILDA TECHNOLOGIES - CASE STUDY

THE CLIENT – TODAY'S DESTINY TRADING AND PROJECTS

 <p>Tdestiny PROJECTS BUILDING, BETTER, FASTER, SMARTER</p>	<p>Today's Destiny is a construction and electrical contractor that deals within the Construction, Electrical, and Mining sectors of South Africa.</p> <p>In addition, we also offer professional excellence and experience in the following areas of:</p> <ul style="list-style-type: none">• LV Line construction maintenance• MV Line construction maintenance• Electrification• Pole replacement• Protection services
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THE CHALLENGE

Today's Destiny Trading & Projects were looking for a software solution to track and control costs per project. The solution also needed to automatically establish and maintain the permitted monthly budget per project as well as be able to identify the biggest expense within each project.

THE SOLUTION

The solution lay in developing project cost management and monitoring software, with cost tracking and reporting functionality in order to streamline each budget per project, which posed the following challenges and solutions:

Challenge:

In order to monitor expenditure, cost tracking per project was required.

Solution:

User-friendly data-capturing forms were created to capture and record every cost for each project.

Challenge:

In addition, the software was required to track project invoices.

Solution:

Again a data capturing screen was created allowing users to insert project invoice amounts related to each project. The software then automatically calculates the invoiced amount against the project budget.

Description	Qty	Unit Price	Total
Pole Construction	100	400	40000.00

Grand Total	45600.00	Total w/ VAT	40000.00	Recieved:	0.00	Outstanding:	40000.00
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Challenge:

The client needed to know where they spent most of their budget.

Solution:

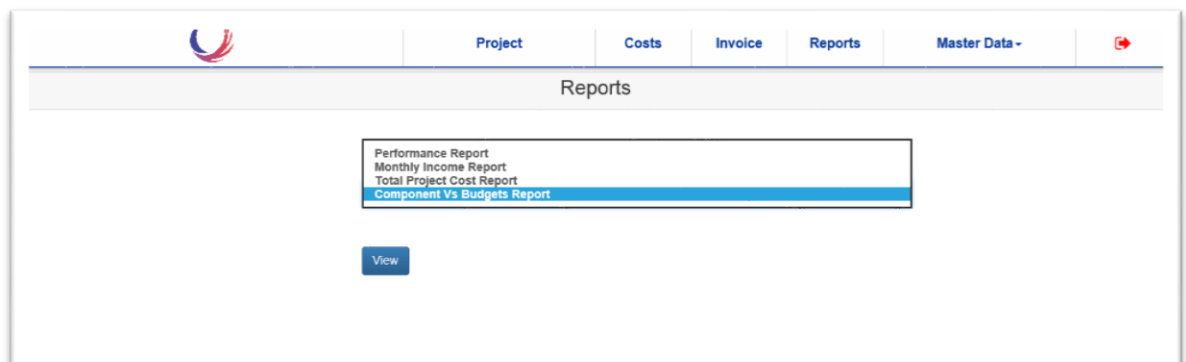
This was solved by utilizing the percentage based allocations of the full budget to each department as specified by management. A cloud-based solution was developed to automatically calculate the total with every cost entry. In this way, management is immediately informed of the expenditure for each project and alerted to any over-expenditure of the allocated monies within each of the projects.

Challenge:

Dynamic reports were required to ascertain the performance of each project's monthly income, as well as the total project cost and component vs budget records.

Solution:

This was carried out through the creation of a drop-down menu, where the user selects the specific report required, together with a start and end date. The report provided is populated with the most current amounts, which can be exported to Excel.



THE TEAM

The project was executed successfully by TILDA TECHNOLOGIES' software development manager, Pleasure Skosana together with Microsoft Certified Professional Developers, Tsepo Pama and Roan Erickson.



OUTCOMES

Written in HTML 5, this online project cost management and monitoring solution can automatically track and control costs per project. It was developed for not only in-house use by the company, but also as a software solution to offer their client base.