

MICHIGAN STATE
UNIVERSITY

Beta Presentation

IT Metrics Repository

The Capstone Experience

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*From Students...
...to Professionals*

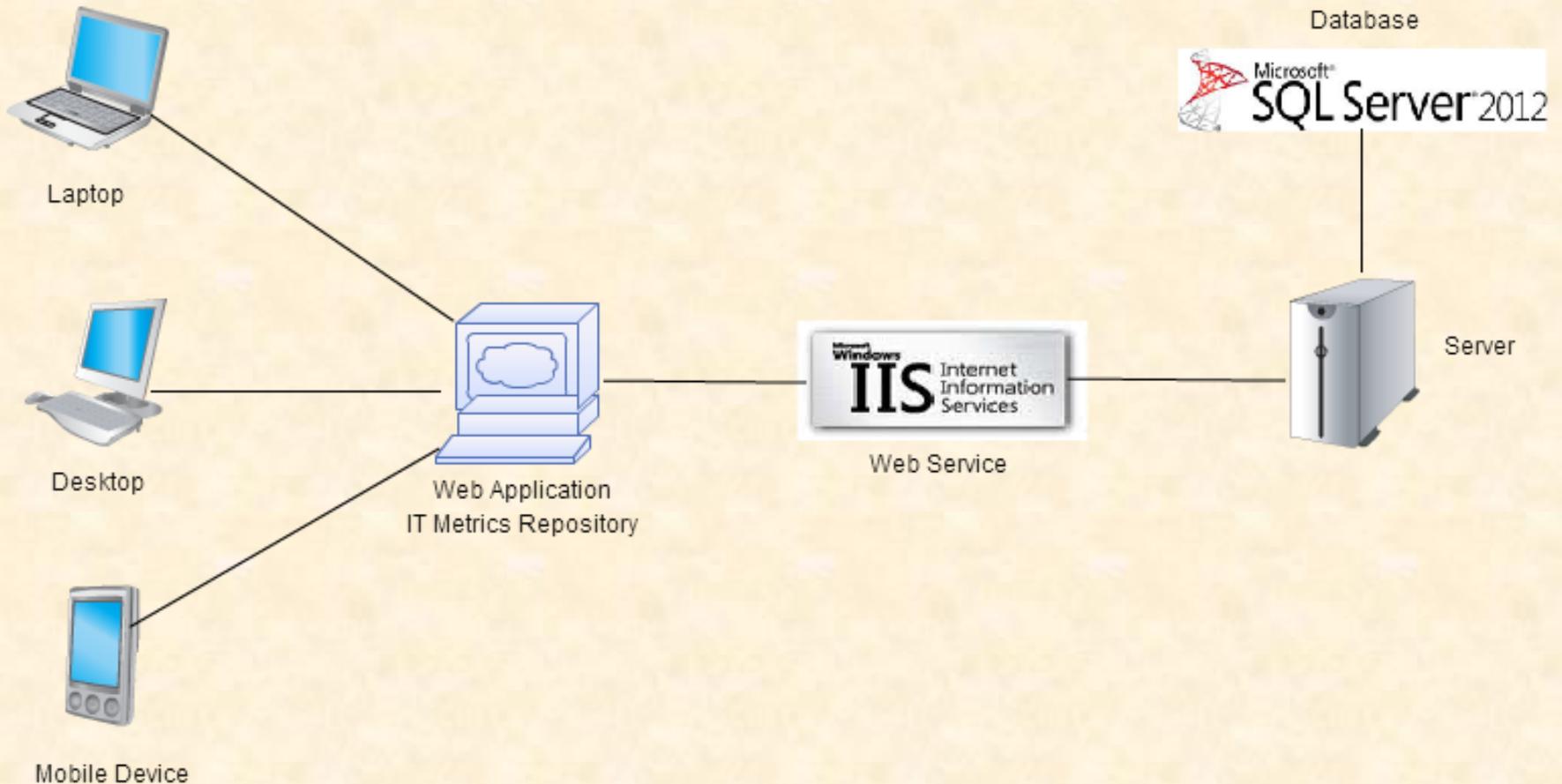
Project Overview



- Metrics - standard of measurement
 - Provides insight on performance compared to...
 - Industry standards
 - Company goals
- Provide Meijer's IT with a means of storing and accessing customizable sets of data



System Architecture



Dashboard



[Report](#) [Create](#) [Update](#) [Remove](#) [Users](#) [Dashboard](#)

Logged in as: admin [Logout](#)

Metric Dashboard

Select Report

Select Report:

Start Year: Start Period:

End Year: End Period:

[View Report](#)

Metric Snapshot

[\[Change Period\]](#)

Metric Name	Value	Status	Metric Name	Value	Status
Budget	2500.00		Income	16942.23	
Net Income	14937.69		Expenses	2004.54	
Operating Margin	0.1183161838789816924926647791				

Update Dashboard

Metric:

Column:

[Add Metric](#)



Create Report



Report | **Create** | Update | Remove | Users | Dashboard

Logged in as: admin [Logout](#)

Report

CREATE REPORT

Add Metric

Metric:

Add Metric

Create Report

Report Name:

Metric Name	Include Goal	
Budget	N/A	<input type="button" value="remove"/>
Expenses	<input checked="" type="checkbox"/>	<input type="button" value="remove"/>
Income	<input checked="" type="checkbox"/>	<input type="button" value="remove"/>
Net Income	N/A	<input type="button" value="remove"/>

Create Report

View Report

Select Report:

Start Year: Start Period:

End Year: End Period:

View Report



Create Metric

The screenshot shows the 'Create Metric' page in the Meijer system. At the top, there is a navigation bar with links for 'Report', 'Create', 'Update', 'Remove', 'Users', and 'Dashboard'. The user is logged in as 'admin' and can click 'Logout'. Below the navigation bar, there are two tabs: 'Create Metric' (selected) and 'Create Goal'. The main content area is titled 'CREATE METRIC' and contains several sections:

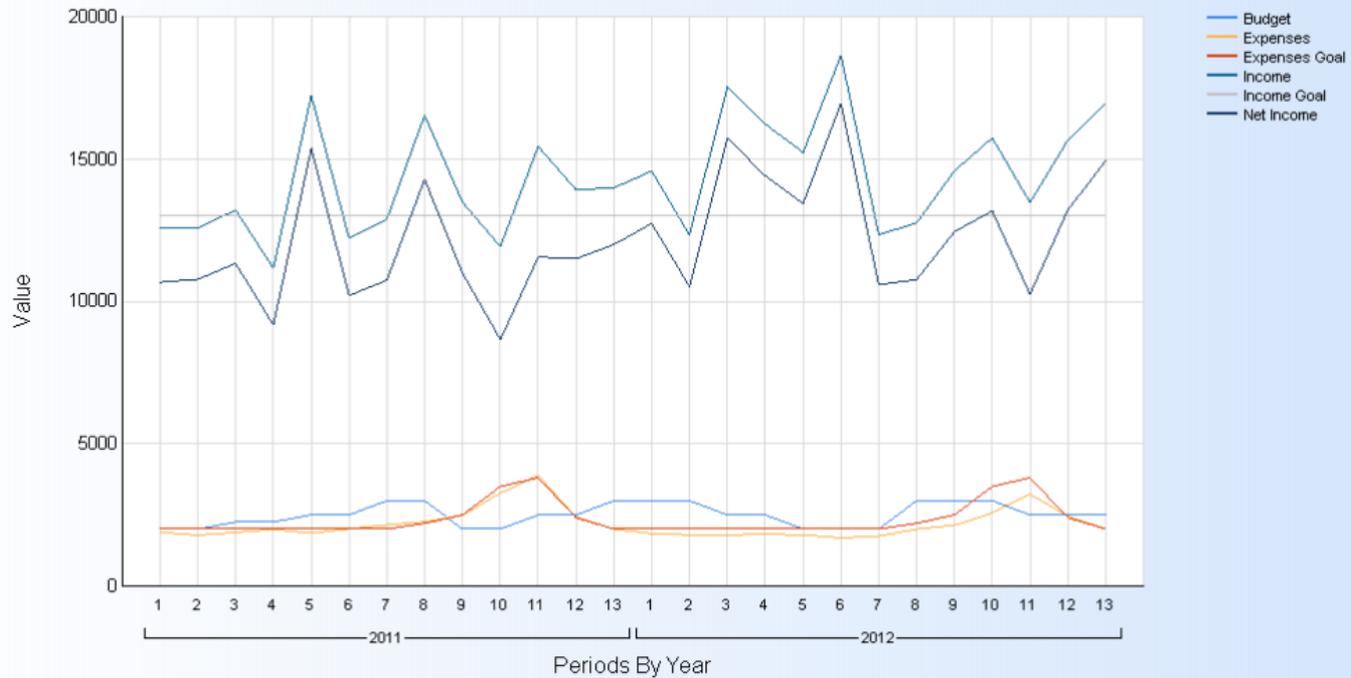
- Metric:** A large text area for the metric name. It includes a link for '[Import Data]', a file selection button 'Choose File' with the filename 'Book1.xlsx', and an 'Upload' button.
- Metric Name:** A text input field containing 'Number of Employees'.
- Description:** A text input field containing 'Number of employees i'.
- Owner:** A dropdown menu showing 'Group 4'.
- Data Type:** A dropdown menu showing 'Number'.
- Enter Time Range:** Fields for 'Start Year' (2010), 'End Year' (2012), and 'Period' (1 and 13).
- Enter Values:** A table with columns for 'Year', 'Period', and 'Value'. It includes a link for '[Insert Range]' and a table with 7 rows of data for the year 2010.

Year	Period	Value
2010	1	20
	2	21
	3	22
	4	23
	5	25
	6	27
	7	28

Report View



IT Group 4 Finance Report



What's left to do?



- Formatting Reports
- Overall formatting of user interface
- Change database names to match Meijer's standard naming convention
 - Tables
 - Table Columns
 - Stored Procedures
- Formatting for mobile devices

