

MICHIGAN STATE
UNIVERSITY

Beta Presentation
Information Technology
Assessment Toolkit
The Capstone Experience

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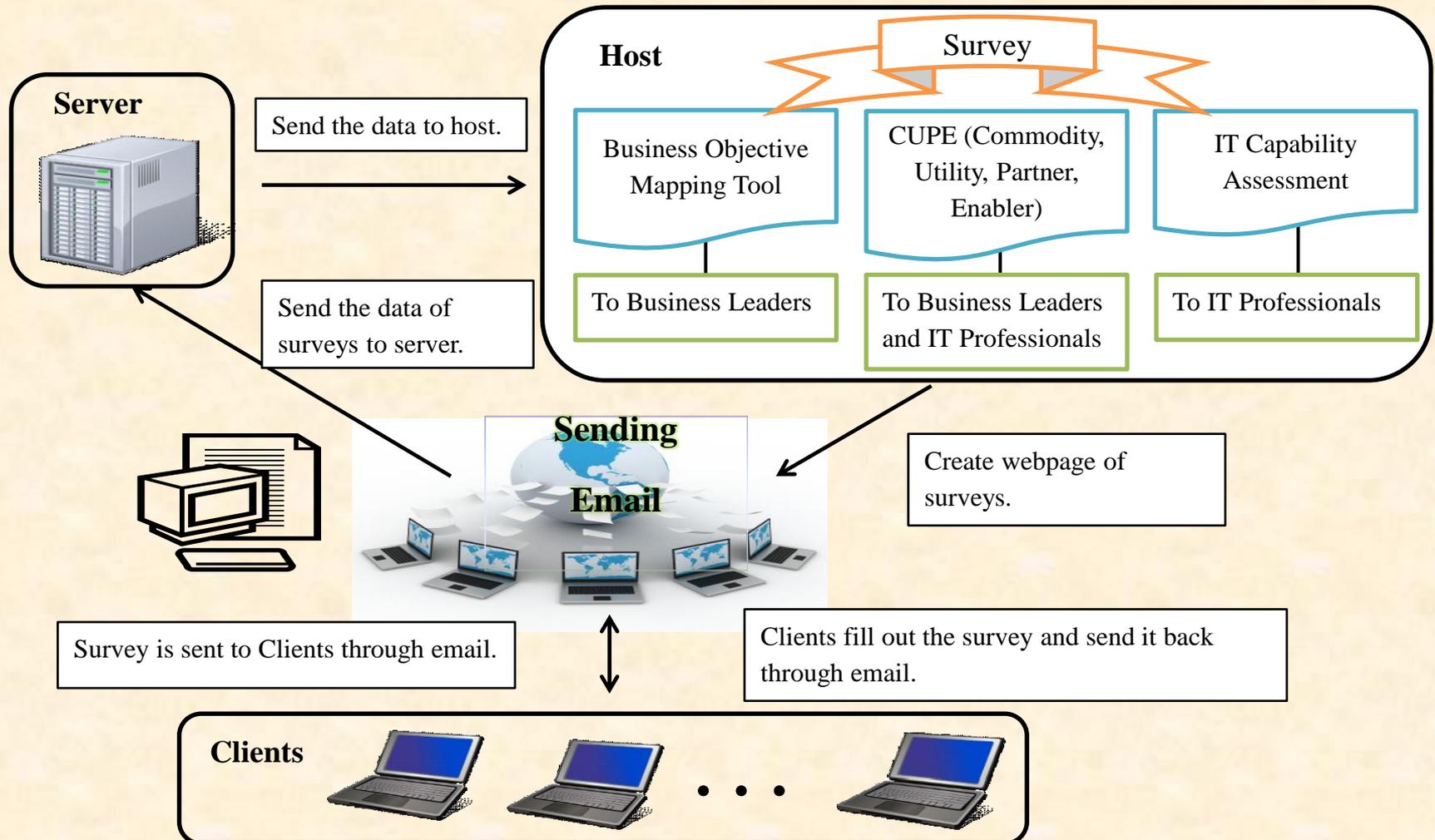
From Students...
...to Professionals

Project Overview

- IT Consulting Toolkit of helping clients to prioritize their IT projects
- Recognize Trends Across Multiple Clients
- Three Main Tools
 - Business Optimization Mapping
 - Commodity, Utility, Partner, Enabler
 - IT Capability
- Trend Analysis after analyzing information from each Tool



System Architecture



Business Optimization Tool (BOM)

The screenshot displays the BOMTool application window. The main area contains a table with three columns: bom1, bom2, and bom3. The bom1 column lists 'initiatives1' and 'initiatives2'. The bom2 column lists 'initiatives3'. The bom3 column lists 'initiatives4'. To the right of the table is a sidebar with three dropdown menus: '<Organizational Unit>', '<Objective>', and '<Imperative>'. Below these are three buttons: 'Add Imperative', 'Create Survey', and 'Load Chart'. At the bottom, there is a 'View Data' section with a table header containing columns for 'Imperative Name', 'Effectiveness', 'Criticality', 'Differentiation', and 'BOM Score'.

bom1	bom2	bom3
initiatives1	initiatives3	initiatives4
initiatives2		

Organization

<Organizational Unit>

<Objective>

<Imperative>

Add Imperative

Create Survey

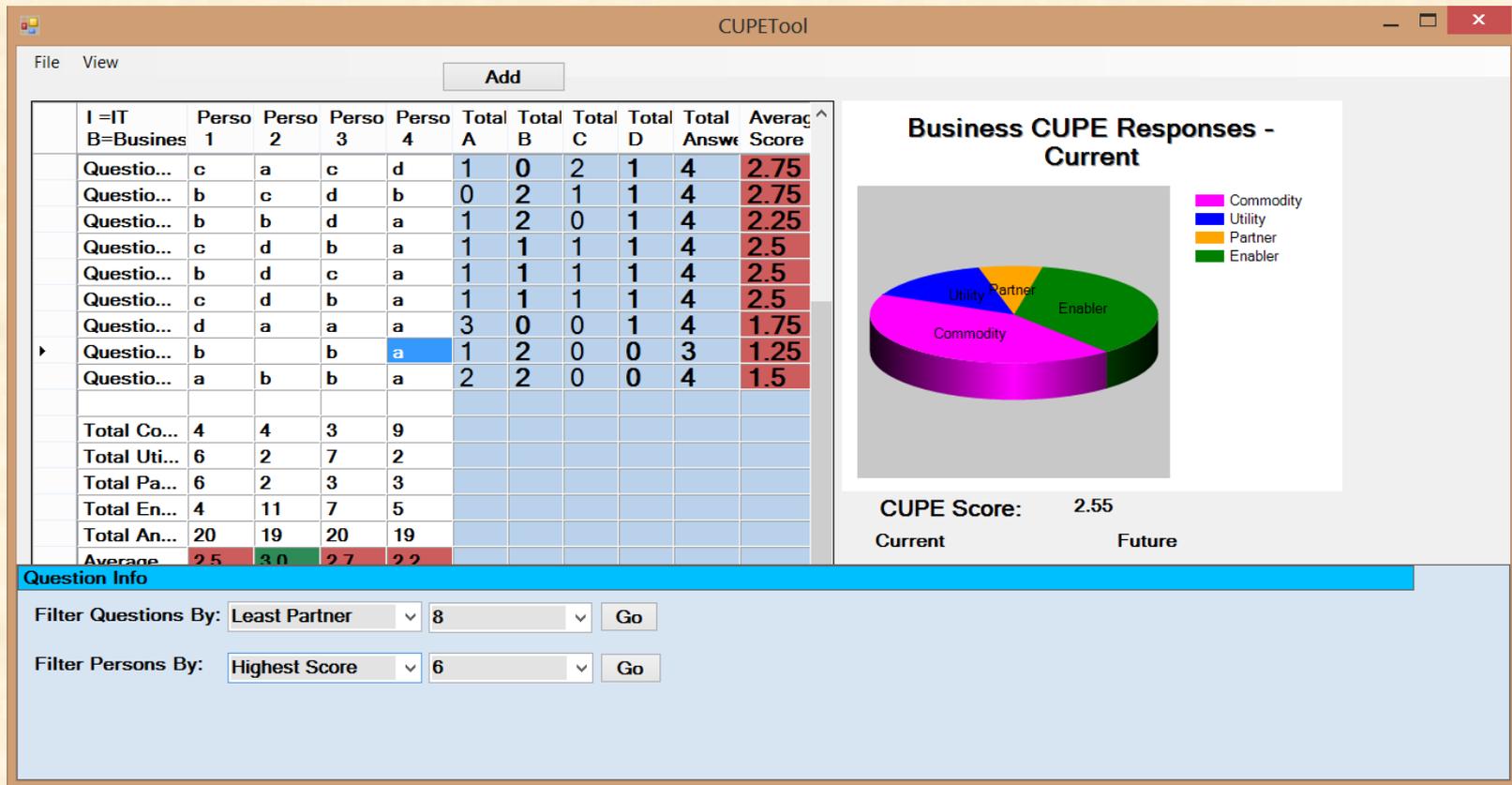
Load Chart

View Data

<u>Imperative Name</u>	<u>Effectiveness</u>	<u>Criticality</u>	<u>Differentiation</u>	<u>BOM Score</u>
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IT Provider Relationship (CUPE)



IT Capability Assessment (ITCap)

The screenshot displays the ITCapTool application window. The title bar reads "ITCapTool". The menu bar includes "File", "View", "Insert", and "ChangeDefaults".

Capability	ID	Default
Hardware	1	<input checked="" type="checkbox"/>
Faster Systems	1.1	<input checked="" type="checkbox"/>
Comfortable Chairs	1.2	<input checked="" type="checkbox"/>
Software	2	<input checked="" type="checkbox"/>
Simpler Systems	2.1	<input checked="" type="checkbox"/>
Fastware Data Access	2.2	<input checked="" type="checkbox"/>
Customers	3	<input checked="" type="checkbox"/>
Easy To Use Support	3.1	<input checked="" type="checkbox"/>
Multiple Sources For Help	3.2	<input checked="" type="checkbox"/>
Employees	4	<input checked="" type="checkbox"/>
Smarter People	4.1	<input checked="" type="checkbox"/>
Better Training	4.2	<input checked="" type="checkbox"/>
*		<input type="checkbox"/>

Control panel on the right side of the window:

- button1
- Employees (text input)
- +Dom (button)
- +Cap (button)
- Better Training (text input)
- +Question (button)
- (empty text input)
- Summary list: Hardware :: 1, Software :: 2, Customers :: 3, Employees :: 4
- (empty text input)



What's left to do?

- Fix bugs
- Make Tool and Graphs Prettier

