

IPRO 337: J2EE Versus .NET

❖ Agenda

- **Project Introduction**
- Developing Criteria List
- Process Chosen
- User Interface Development
- Application Demo
- Criteria Analysis and Conclusion

❖ IPRO Team

Advisors

Barbara Wallace

Dan Ferguson

Students

Amit Rami

Edmond Paspali

Kunal Shah

Poojag Amin

Roger Guinee

Stoyan Vassilev

Supreeth Bhat

Divya Singhal

Hiren Patel

Meryl Lobo

Rajesh Kurra

Ruby Sharma

Sunita McCoy

❖ Bank One Team

Project Managers

Dennis Hood

Geoffery Sutter

Technology Team

Abhi Prativadi

Fouziya Lakha

Hassan Jiwani

Mike Lipkie

Tina Homan

User Experience Team

Richard Douglass

Shikha Desai

User Research Participants

Karen Oswald

Richard Fiedomwicz

Therese Cormack

Tommie Woods

❖ J2EE Vs .NET

Is there a winner?

❖ J2EE Vs. .NET Environments

Similarities and Differences

❖ Team Organization

- .NET/C# Team
- J2EE Team
- Project Plan Team
- Web site Team
- Usability Analysis Team
- Testing Team
- Poster/ Exhibit Team

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❖ Next Step

- Research Articles
 - Long list of criteria

- Initial Criteria
 - Seventeen

❖ Criteria Analysis

- Application scope
- Time Constraints
- Bank One preferences
 - .NET/C# and J2EE available

❖ Criteria Selected

- Eight
- Three broad categories
 - Ease of use
 - Ease of deployment
 - User interface design issue

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❖ Process Chosen

- Waterfall Process model
 - Requirements Specification
 - Design Documents
 - Test Specification
- User Interface Development
- Criteria Analysis Report

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❖ User Interface Development

Old Interface

New Interface

❖ User Interface Development



❖ User Interface Development

BANK ONE.

Phone Book Content Publishing Welcome My Work YourCo Financial

Advanced Search- Phone Book Personal Profile

Last Name:

First Name

Title:
 Senior Counsel, Analyst

Personal Profile:
 lockbox, C++, training

Phone Number:

Fax Number:
 format 312-732-1234

Email address:

Standard ID:
 N001615

Geoffrey Sutter

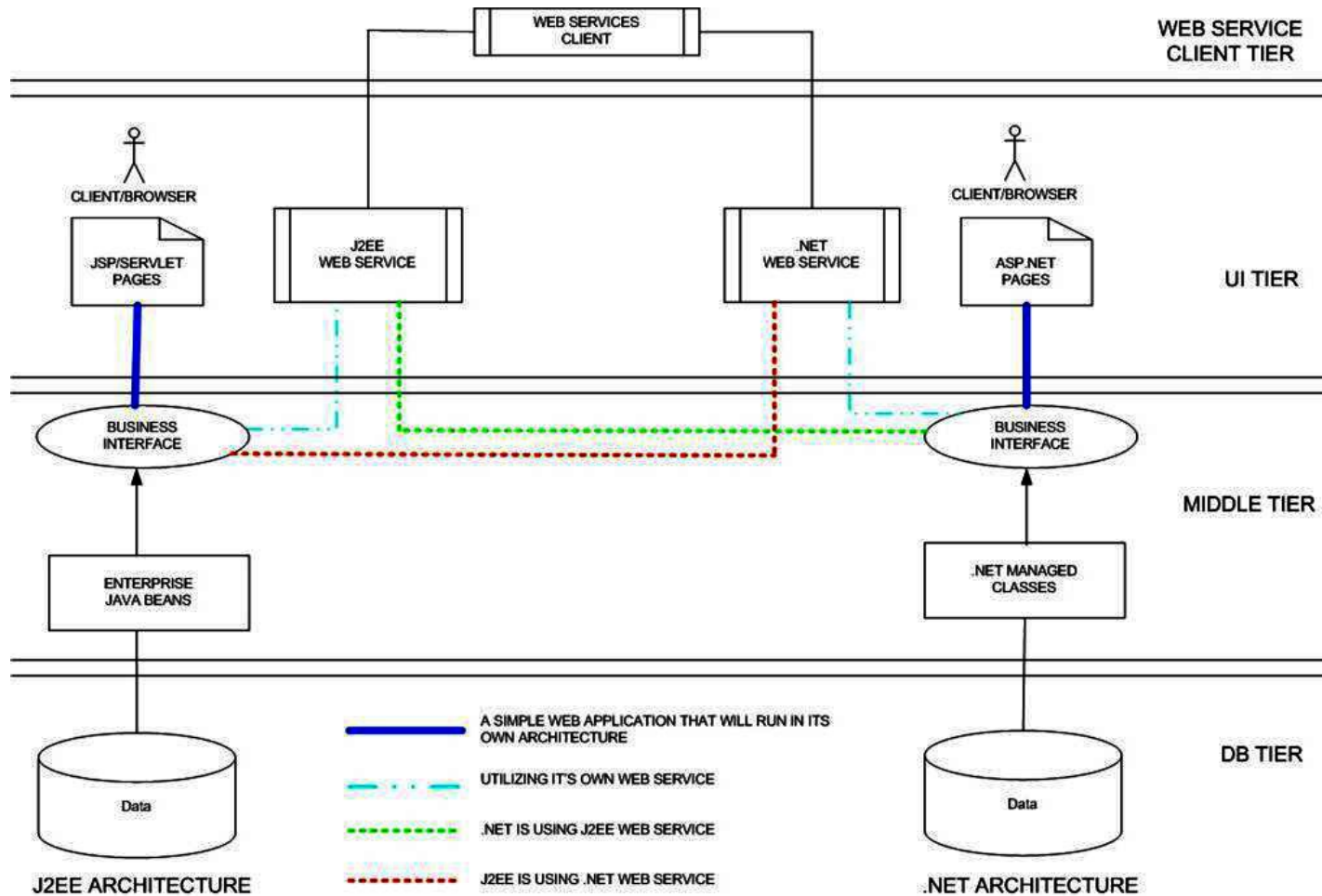
Officer Title	Vice President
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Cost Center	270712- Human Resou
Company Number	0089
Mail Code	IL1-0882
Fax	312-732-8171
Building Floor	1BOP-13
Street Address	1 Bank One Plaza, Chic
Standard ID	N001614
Pager	877-244-4536
Mananger	Dennis J Hood
HR Business Partner	Carmen A Barnes

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❖ Application Description

White Pages Phone Directory



❖ Application Demo

- Direct Mode
 - Basic Search
 - Advanced Search

- Web Services Mode
 - Basic Search



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❖ Rating

- NA
- 1 – Very difficult
- 2 – Difficult
- 3 – Moderate effort
- 4 – Convenient
- 5 – Very convenient

❖ Criteria Grid

Ease of Use		
Exception Handling – Application	5	4
Program Effort (Lines of code)	(480)	(730)
Database Transaction	5	5
Web Service Development	5	4

❖ Criteria Grid

Ease of Deployment		
Application	2	4
Web service	5	5

❖ Criteria Grid

User Interface Design Issue: Framing



IDE

1

N/A

HTML pages

N/A

5

Observations

❖ Recommendations

- Is there a winner... **Application Specific**
- For White Pages Phone Directory -- **J2EE**

Questions