PSU Capstone
Fall-Winter 2011

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Sr. Developer
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About A-dec
- One of the largest manufacturers of dental equipment
- Employ around 950 people
- Privately owned
- MECOP students from PSU, OSU, UO
- This is our first Capstone project

About the project
- We manage many applications, workflows, and processes
- Applications depend on each other completing successfully
- System failure comes with enormous cost
- We need to be able to monitor their progress and status

About A-dec Information Services
- Small team
  - Software developers
  - Systems administrators
  - DBAs
  - Support
- 175+ Software Applications
- 130+ Production Virtual Servers
- 1100+ SharePoint Sites
- Numerous large applications and workflows

About the project
- Applications will submit information about themselves to a web service
- Web based dashboard will display the status of a selected application
  - GUI widgets – gauges, progress bars, etc
  - Application independent
  - Display status and/or progress
About the project

- Design is all N-Tier SOA
  - Will be part of an enterprise SOA architecture
- Deliverable is a full N-Tier system
  - Web services
  - Web User Interface
  - SQL Database
- Quality is the highest priority

What you get out of it

- Develop a complete SOA application
- Exposure to modern programming technologies
- Application will be part of a large enterprise solution
- Exposure to the needs and requirements of a large organization
- Application could be used stand alone by anybody
- Exposure to a potential MECOP opportunity

Questions?

Thank you!

My Contact Info

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