School of Computer Science and Engineering

Program Name: B.Tech

Course Code : BCSE 3055

Course Name: Enterprise Resource Planning

- **SAP AG in 2008 revenues: €9.4 billion**
  - More than 40,000 companies run SAP software
  - Providing more than 25 industry solutions
  - 39,355 SAP employees (December, 2008)

- **Value Offering**
  - Integrate business processes
  - Extend competitive capabilities
  - Provide a better return on investment at a lower total cost of ownership

- 12 million users in 120+ countries

- **Unique partner ecosystemDFGHJKL**

  - More than 2,200 partners
  - Overall more than 180,000 SAP partner certificates

- OLAP On-Line Analytical Processing: A category of applications and technologies for collecting, managing, processing and presenting multidimensional data for analysis and management purposes

OLAP Client End user applications that can request slices from OLAP servers and provide two – dimensional or multi – dimensional displays, user modifications, selections, ranking, calculations, etc. for visualization and navigation purposes. OLAP clients may be as simple as a spreadsheet program retrieving a slice for further work by a spread sheet – literate user or as high – functioned as a financial modeling or sales analysis application.

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Supply Chain Management

People Soft has the industry's only complete enterprise resource planning solution that is built around supply chain optimization. A Demand Planning module enables sophisticated forecasting, using real – time and historical information. peopleSoft's complete suite of Supply Chain Management products provides comprehensive support for any organization that produces or markets a physical product.

R/3-An Overview

You can gain a significant competitive advantage by efficiently managing the short, medium, and long – term payment flows and the resulting risk exposure. Tasks such as short – term monitoring and concentration of bank account balances, medium – term planning, and forecasting of incoming and outgoing resources in accounts receivable and payable, to a long – term view of areas such as materials management and sales, underline the importance of intergrating information from various company divisions. Linking these operating divisions to realised and planned financial transactions and positions in treasury, has a significant impact on the company's success. Such integration also facilities management and control of cash flows, and risk positions through all the divisions in the company. The treasury component provides you with a basis for effective liquidity, portfolio and risk management.

R/3 employs a three-tier client/server architecture widely recognized by SAP customers, technology partners and industry analysts as a winning approach to solving some of today's most demanding information management challenges.

The three-tiered architecture separates a system into three functional layers, each structured to support the demands of its function.

1. The Database layer resides on central servers or mainframe host computers.

2. The Application layer holds the processing logic of the system, preparing and formatting data for individual offices or departments.

3. The Presentation layer, typically on personal computers, handles all the tasks related to the presentation of data, including user interfaces that enable easy access to complex applications and data.

Baan Company is a leading global provider of enterprise business software. Baan Company offers a comprehensive portfolio of best-in-class, component-based applications for front office, corporate office and back office automation. These applications are in use at over 7,000 customer sites worldwide. Baan Company products reduce complexity and cost, improve core business processes, are faster to implement and use, are more flexible in adapting to business changes and optimize the management of information throughout the entire value chain.

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Baan ERP Tools

BaanERP Tools consists of a number of software components, which together form the technical foundation for all BaanERP components. The BaanERP Tools can be described as a computing platform that provides an independent, flexible, open and distributed computing and development environment. The open architecture of the BaanERP Tools makes it possible to: • Quickly react to new trends in the marketplace that require software or software configuration changes. • Develop the Baan applications in such a way that they are kept independent of third party products such as hardware, operating systems and databases. • Easily integrate with third-party products.

Thank You