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ONLINE AUCTIONING SYSTEM

By: Siddharth Agrawal (150716)

IIT KANPUR



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Agenda

❖ *Abstract*

❖ *Goals*

❖ *Users involved*

❖ *OAS Features*

❖ *Design*

❖ *Hardware and Software
Requirements*

❖ *Funding*

❖ *Timeline Chart*



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Abstract



An auction is a process of buying and selling goods or services by offering them up for bid, taking bids, and then selling the item to the highest bidder.

*The word "auction" is derived from the Latin *augeō* which means "I increase" or "I augment".*

auctions have a long history, having been recorded as early as 500 B.C.



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Abstract



There are massive amounts of preparation that goes into a finding and researching a property for conducting auctions.

Buyers are forced to go the the auctioning sites.



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Abstract



But now!...

*You only need to turn on
your computer and
enter the web-site*

NET-AUCTION



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Abstract

- OAS is an implementation of web auctions, like eBay, Sotheby's, and others with it's own design and bid politics.
- This web site has an intuitive interface and unique visual objects that make it friendly for use.
- Common client operations were implemented in this application. In addition, there were used some original marketing solutions.



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Users Involved

➤ *Bidder*

➤ *Auctioneer*

➤ *Admin/Seller*



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OAS features

Guests

- *Searching for items by tags and categories*
- *Studying available tenders and items*
- *Studying seller's information*
- *Web registration*

Registered users

- *Proposing items for tender*
- *Participating in active tenders*
- *Account management*
- *Commenting and rating other users*





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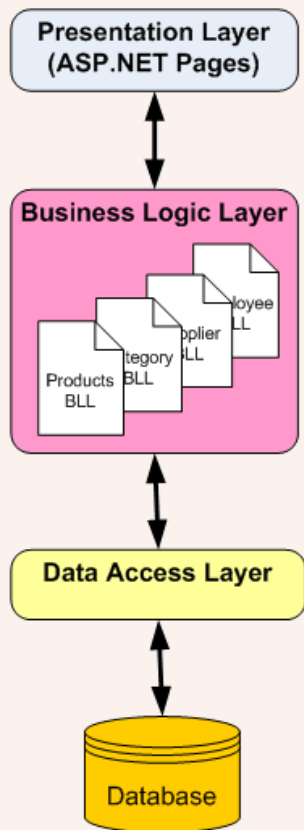
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Three layer design pattern



- ***Presentation Layer***
 - ***Web pages (GUI).***
- ***Business Logic Layer***
 - ***Project's logic.***
 - ***Classes & algorithms***
- ***Data Access Layer***
 - ***Ordered DB access.***



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Three Layer design pattern

- *Advantages:*

Modular software Technology

- *Disadvantage:*

Complexity



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Hardware Requirements (Minimum)

Server side:-

Processor :- 2.20 GHz

RAM :- 2GB

Hard disk :- 10 GB Free Space

Client side:-

Processor :- 2.0 GHz



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Software Requirements (Minimum)

Server side:-

*Operating system :- Windows
server 2003 or any compatible
server OS*

*Framework :- .Net framework
4.0*

Web Server :- IIS 6.0



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Funding

>Setting up Cost

- Hardware/Software: ~60,000

Rs

- Office Space: ~10,00,000 Rs

- Delivery vehicles: ~6,00,000







Rs

>Salary Expenditure



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Timeline Chart

Activities	3 Months						Total days
	15 Days	30 Days	45 days	60 Days	75 Days	90 days	
Requirement Gathering & Analysis							10 (1 to 10)
Design							30 (11 to 40)
Coding							30 (35 to 65)
Testing							25 (50 to 75)
Implementation							10 (75 to 85)
Documentation							90 (1 to 90)
Total							90 Days



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Thank You



Please ask your questions...

