PRANVEER SINGH INSTITUTE OF TECHNOLOGY

Major Project Proposal

Team Id: 25_CS_4D_08

Team Details:

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Project Title:

BidWiz: Redefining Auctions, Revolutionizing Bids

Domain: (Select all relevant Options)

1. Software-Web Application	2. Software-Mobile Application
3. Artificial Intelligence/Machine Learning/Deep Learning	4. Computer Vision/Image Processing
5. Blockchain	6. Internet of Things
7. Natural Language Processing	8. Big Data / Cloud Computing

9. Others (Specify if any):

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Problem Statement:

The rise of e-commerce has fuelled the demand for efficient and user-friendly online auction platforms. In response to this market demand, our objective is to develop a robust and scalable online auction system using Django and Python as the backend technologies. The platform aims to provide a seamless experience for both buyers and sellers, facilitating secure transactions and fostering trust among users.

Proposed Solution:

Online Auction and Bidding System is the website application where participants can bid for the products and users can upload products for auction. In online auction project that holds online auctions of various products on a website and serves sellers and bidders accordingly. The system is designed to allow customers/users to setup their products for auctions and bidders to register and bid for various products available for bidding. This project developed using Django and all the record stores in MySQL database.

The end goal of the project is to create a fully functional online auction and bidding system that allows users to participate in auctions and place bids on various items.

Unique/Distinctive feature of the solution:

1. This auction website works online. The bidder and seller can participate in auction from anywhere at any time through online auction.

2. Those who wish to take part in bidding or sell products at the site have to register at the site as customer. Only authenticated customers can take part in selling or in bidding. 3. Customer can see the profile of the bidding history of items which are still open. Similarly, the seller can see the progress of bidding.

4. This will store bidders record and bidding record.

5. Auction winners and losers get an Email notification whether they won or lost the bid.

Tools/Technology Uses:

1) Hardware Requirements:

a) Processor: i3 OR higher

b) RAM: 4GB

c) Storage: 100GB

2) Software Requirements:

a) Operating System:

- LINUX

- WINDOWS SERVER
- macOS SERVER

b) Development Tools:

- HTML, CSS, JAVASCRIPT
- PYTHON
- DJANGO
- VISUAL STUDIO CODE

c) Database: MYSQL

d) Web Browser: CHROME, SAFARI

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(Proposal Evaluation Sheet Should be printed on a Separate Page)

(To be Filled by Faculty/Evaluator)

Proposal Evaluation: 1. Right Identification of the Problem (Appropriate

selection of the problem)?

   a) Excellent   b) Good   c) Needs Improvement   d) Unacceptable

2. Relevance of the Solution (Adequately addressing the problem/need)?
   a) Excellent   b) Good   c) Needs Improvement   d) Unacceptable

3. Innovativeness in the Solution (Distinctive innovative components/features of the solution)?
   a) Excellent   b) Good   c) Needs Improvement   d) Unacceptable

4. Uniqueness of the Solution (Intellectual Property Component)?
   a) Excellent   b) Good   c) Needs Improvement   d) Unacceptable

Improvements/ Suggestions by the Evaluator:

1.
2.
3.
4.

Name of Faculty:

Designation:

Signature with Date:

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Guidelines:

- One Proposal per team will be submitted by the team leader only.
- A Team can have maximum 5 Members.
- For Heading font Size=14, Content font size =12, single spacing, Times New Roman type only.