



# Building an Eco-Friendly Auction Platform

This project aims to develop an auction platform for an eco-friendly footwear company. Using Django, Redis, and Web3PY, we will create a seamless experience for selling limited edition shoes backed by blockchain technology.

○ by **Emanuele Bashuri**



# Why a Blockchain-Backed Web App Charity Auction is Useful

By leveraging blockchain technology, our charity auction ensures transparency, immutability, and trust in the bidding process. Donors can have confidence that their contributions directly support the cause, while bidders can verify the authenticity and history of items.

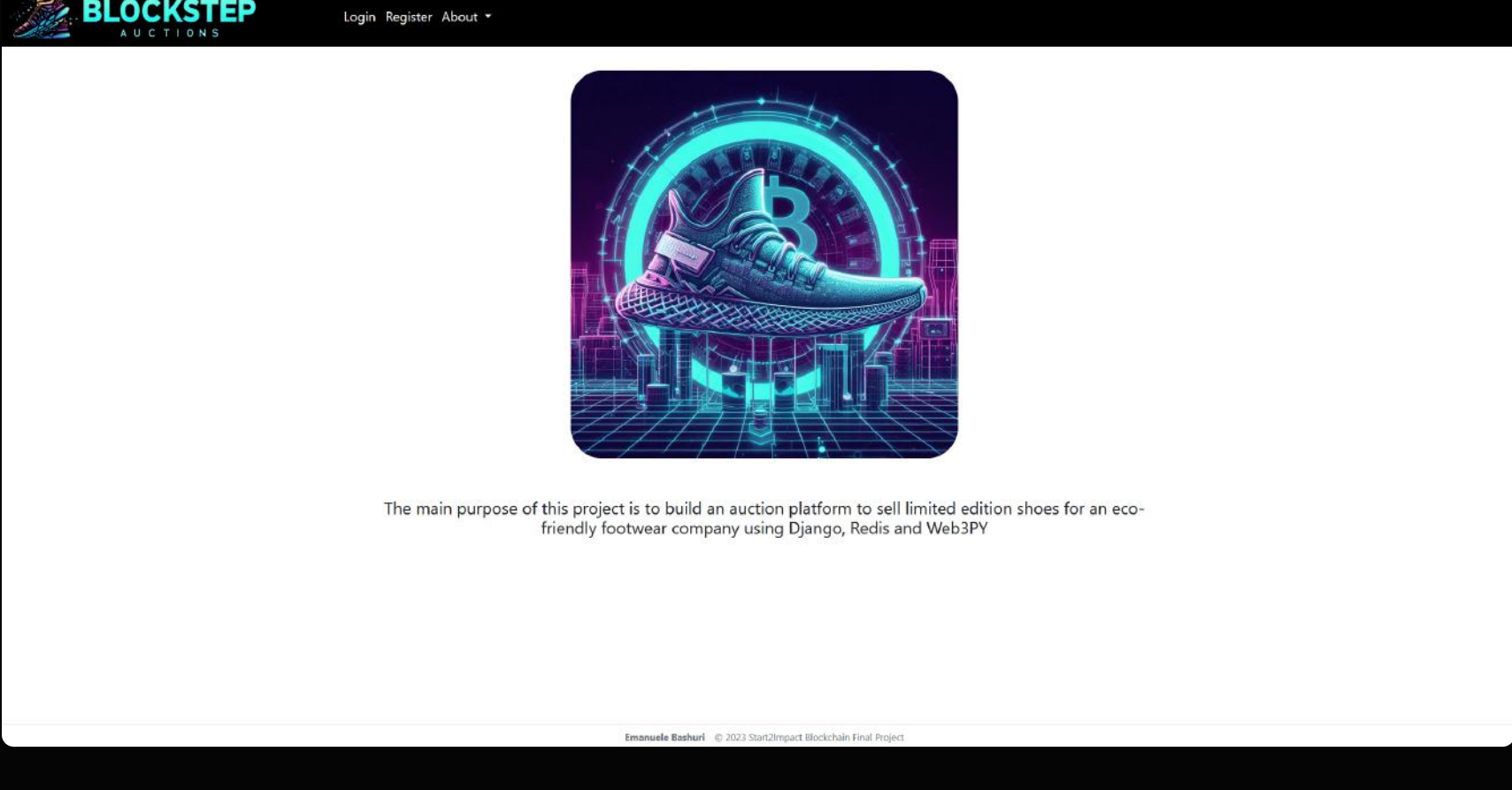




# Implemented Features:

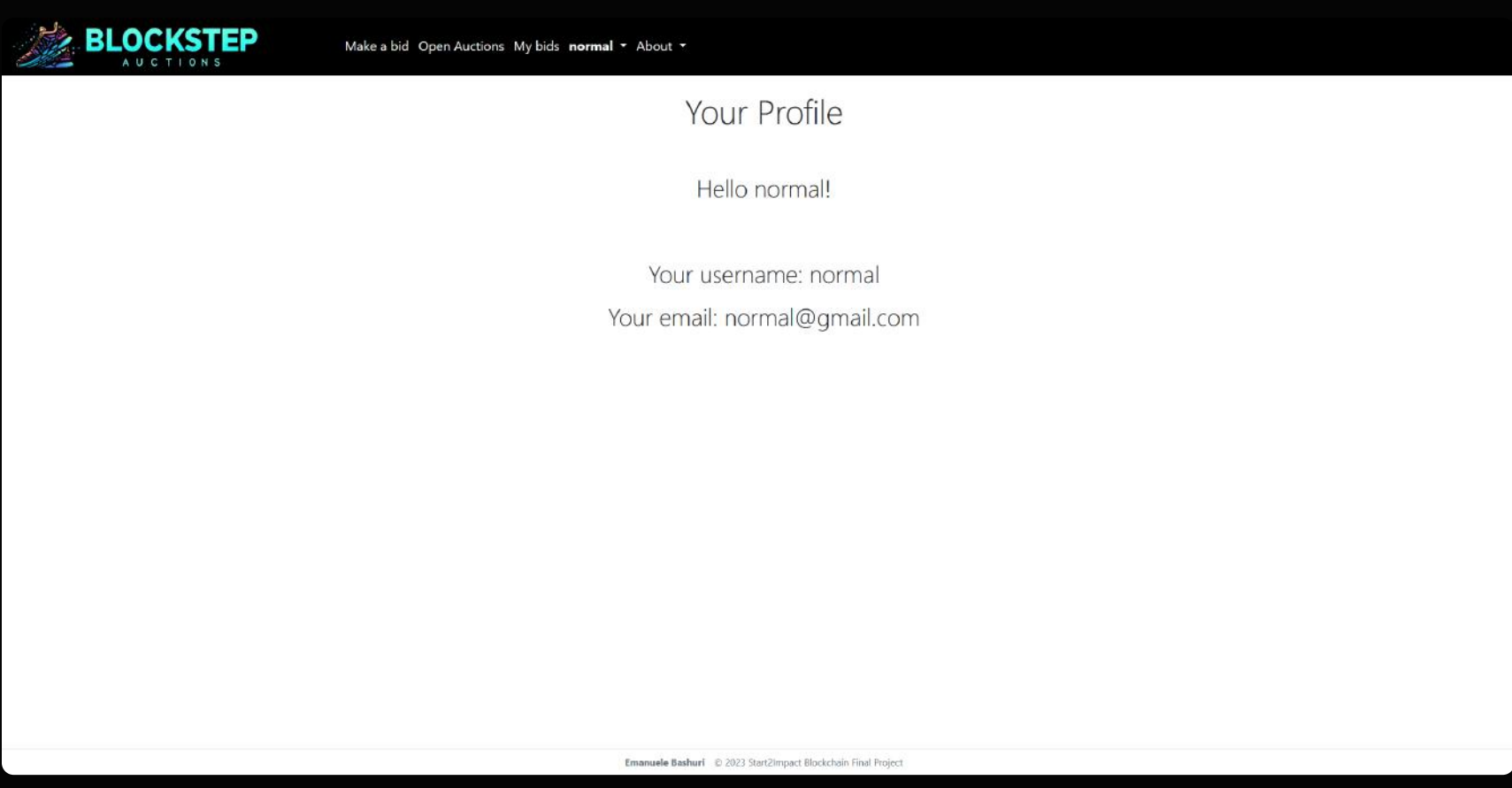
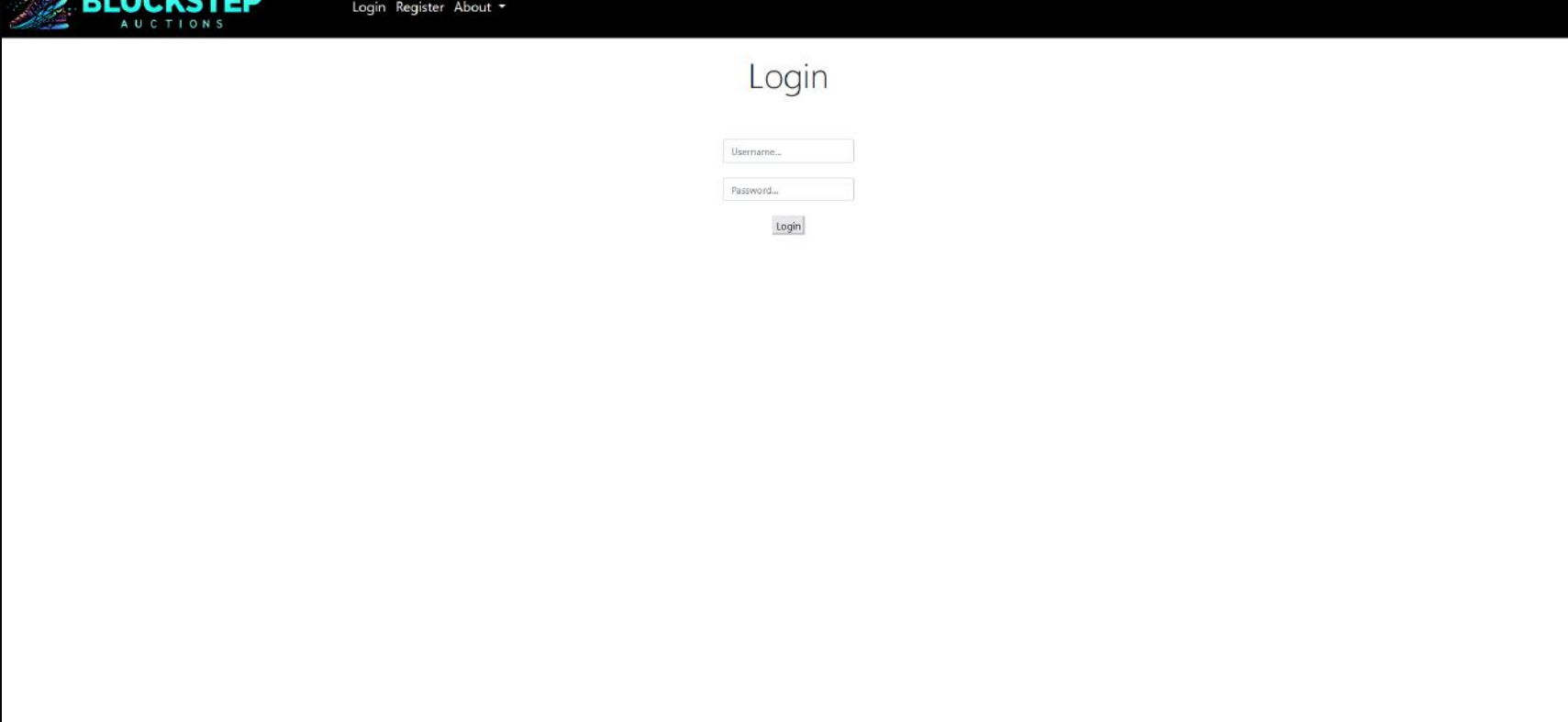
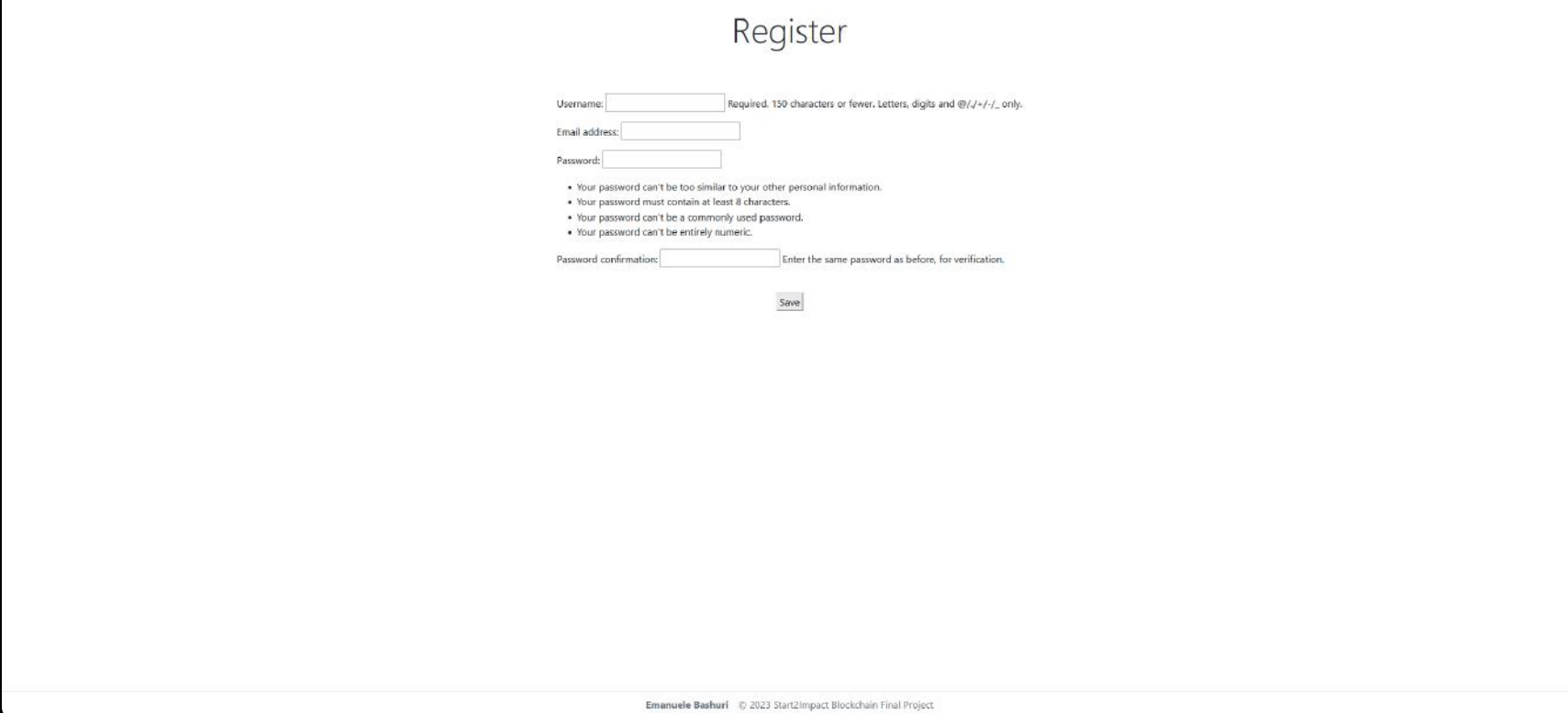
## Website Homepage

We will provide an engaging homepage that explains the concept behind BlockStep Auction and showcases our limited edition shoes.



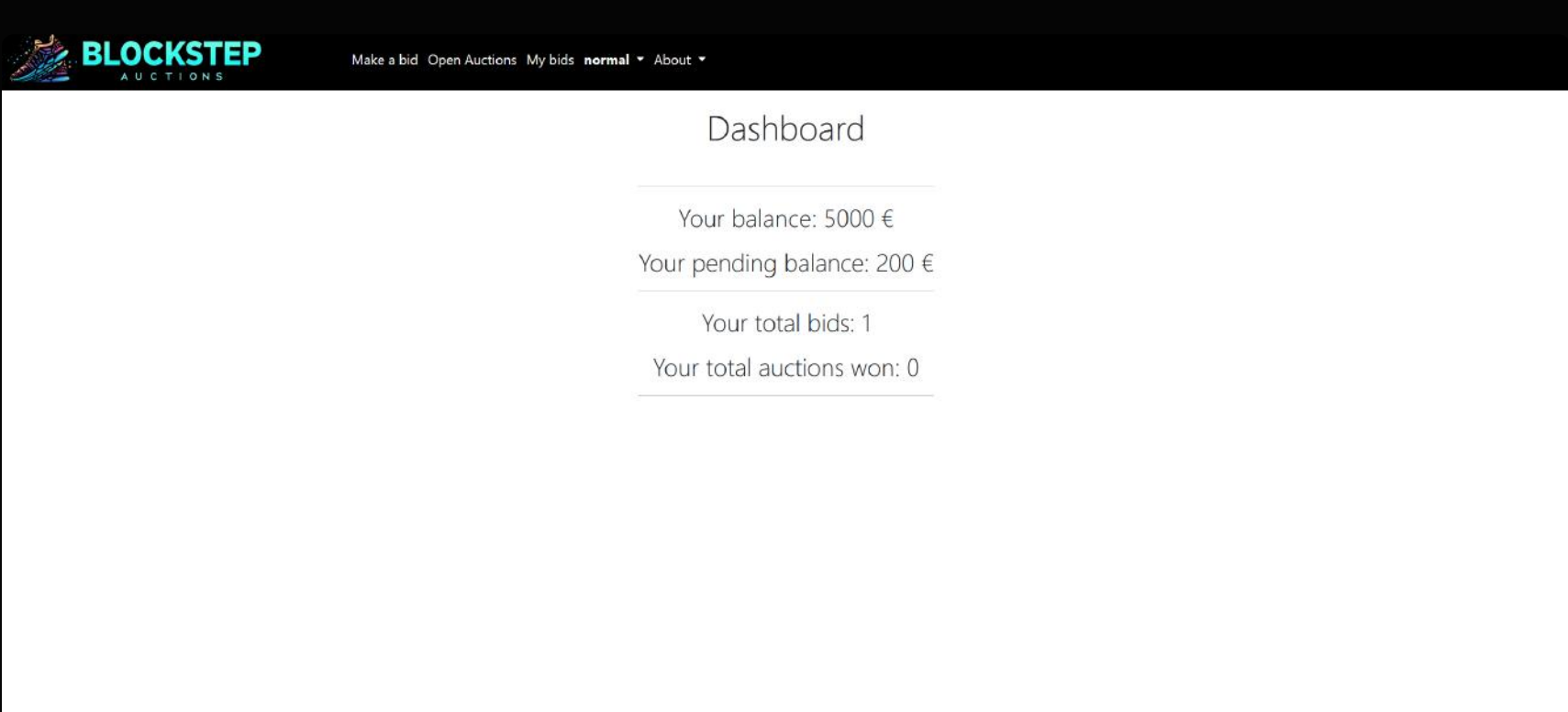
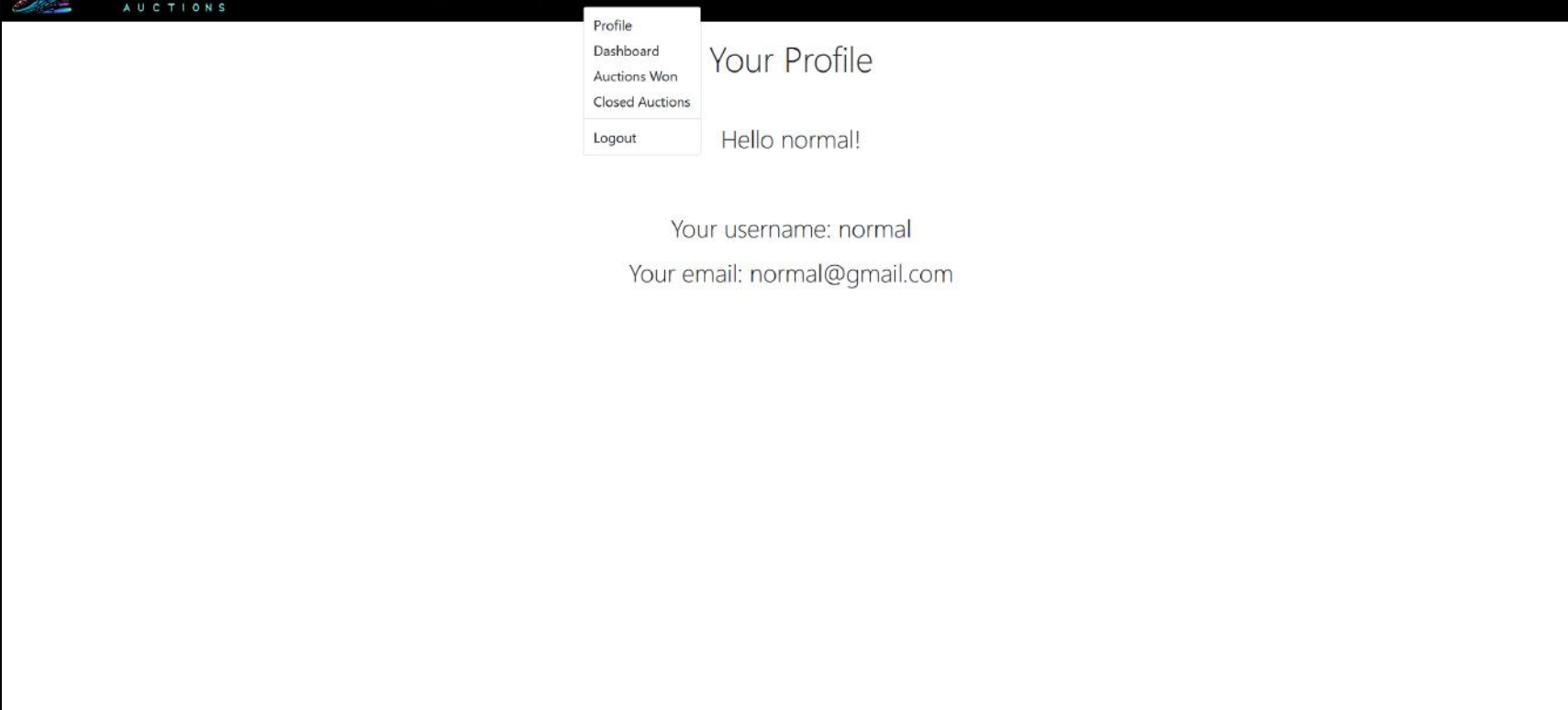
## Registration & Login

Users will have the convenience of registering and logging into their accounts to participate in auctions.



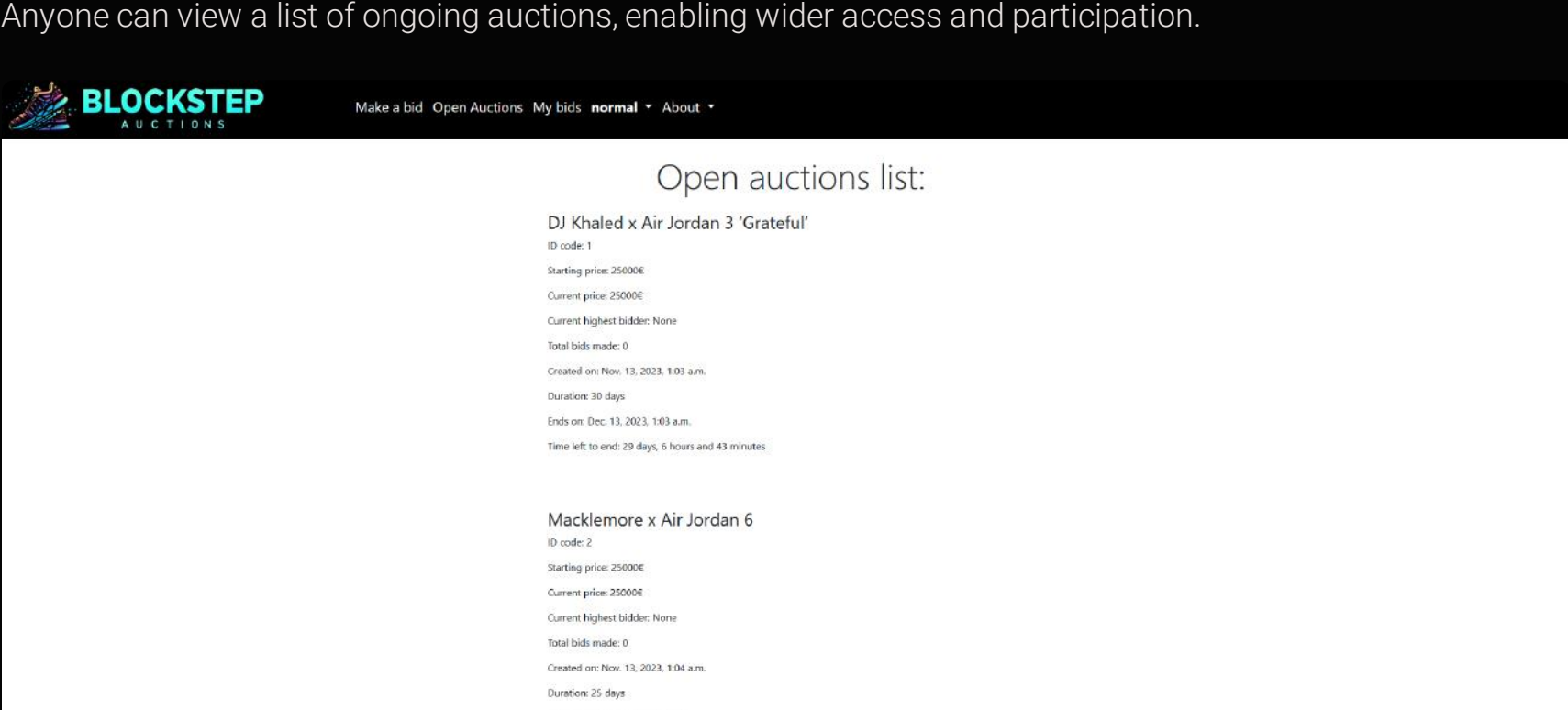
## Dashboard Page

A personalized dashboard will display users' wallet balance, total bids placed, and auctions won.



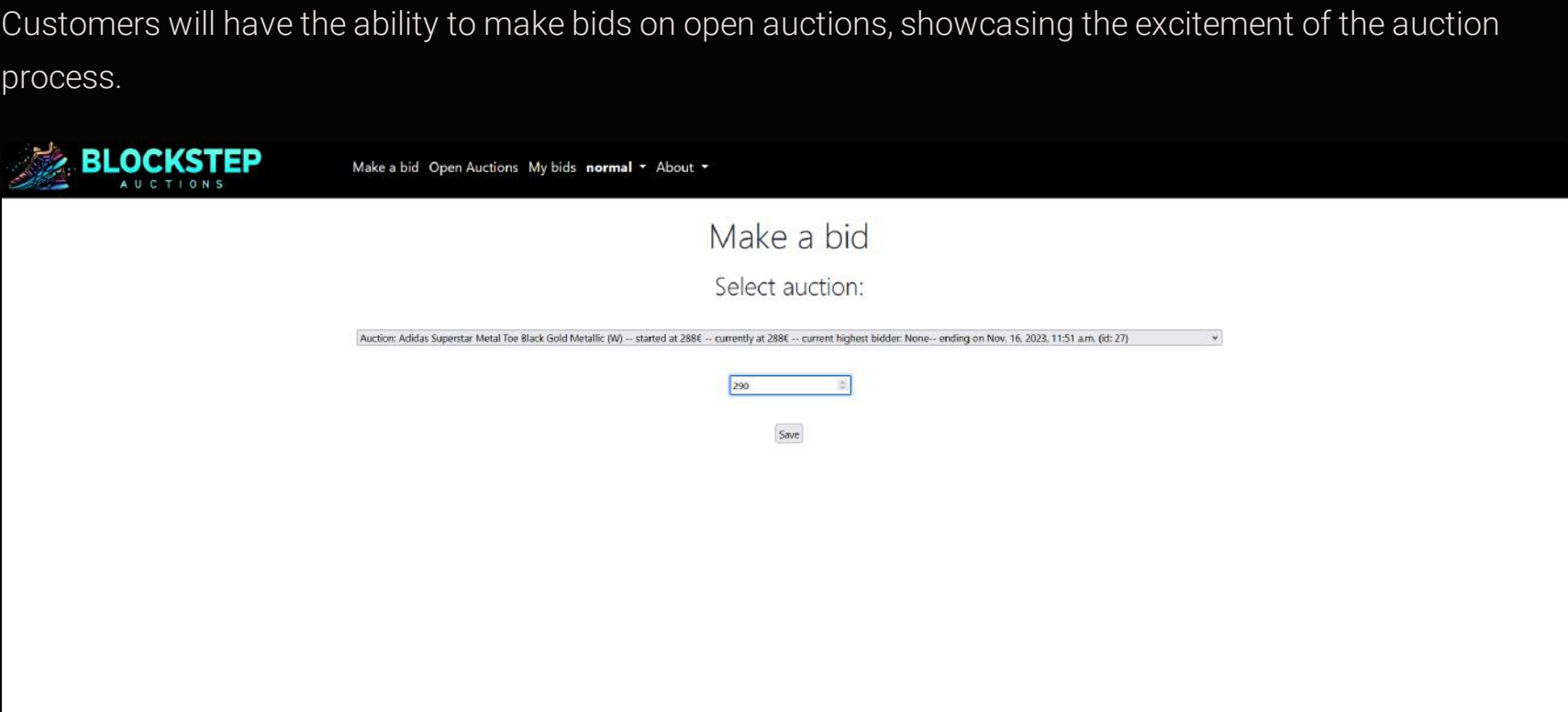
## Open Auctions Page

Anyone can view a list of ongoing auctions, enabling wider access and participation.



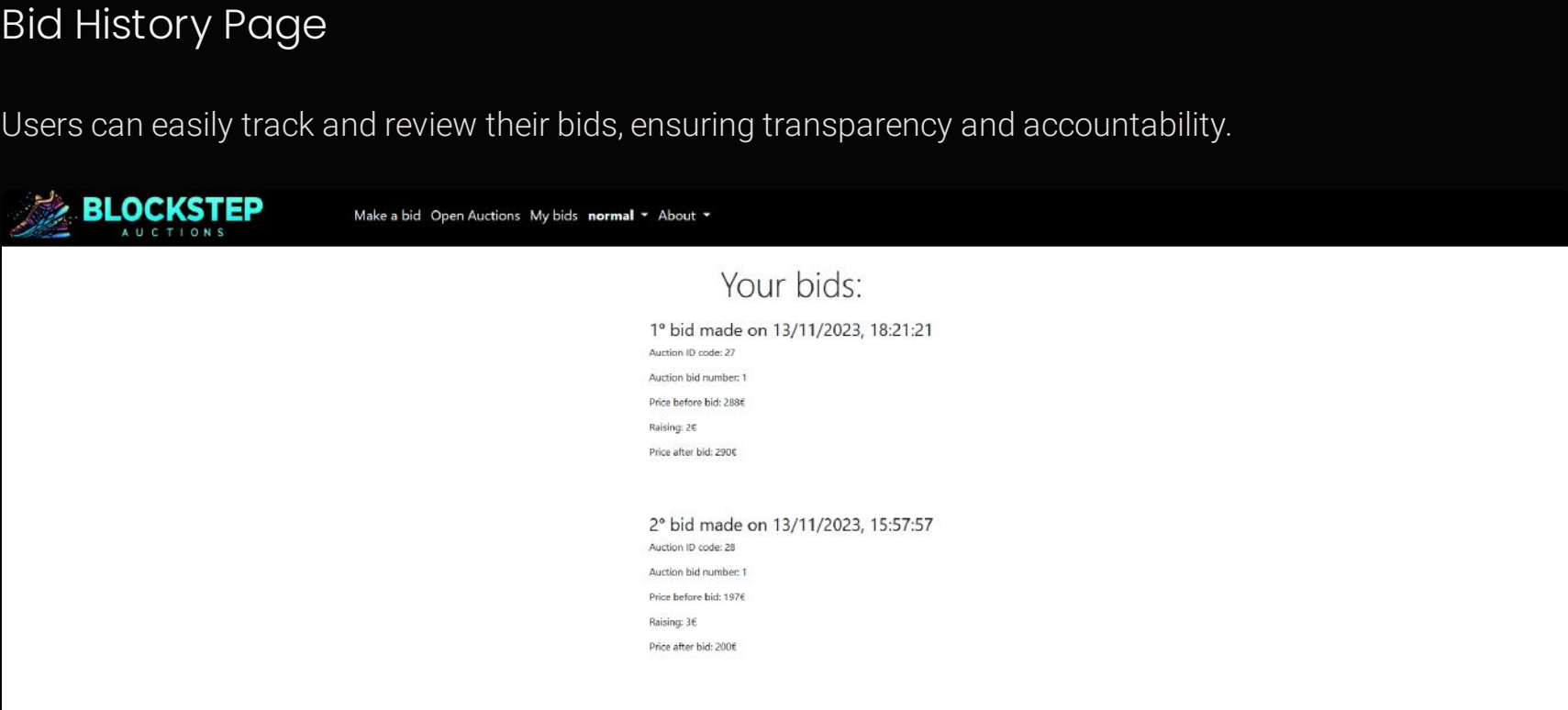
## Bidding Page

Customers will have the ability to make bids on open auctions, showcasing the excitement of the auction process.



## Bid History Page

Users can easily track and review their bids, ensuring transparency and accountability.



## Closed Auctions Page

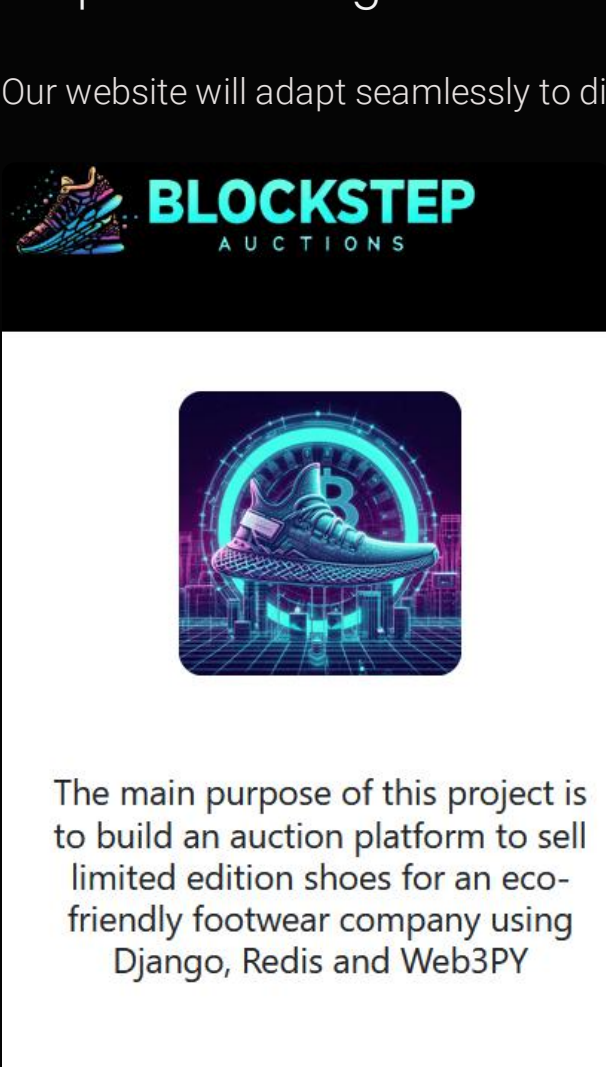
A page highlighting closed auctions with on-chain proof will provide a comprehensive view of past auctions.

## Auctions Won Page

Users will have a dedicated space to view their successful auction wins, supported by on-chain proof.

## Responsive Design

Our website will adapt seamlessly to different devices, providing an optimal user experience at all times.



# Benefits of Eco-Friendly Footwear Company

1

## Sustainable Fashion

Emphasizing the importance of sustainable fashion, our company contributes to reducing the environmental impact of the industry.

2

## Positive Environmental Impact

By producing eco-friendly shoes, we strive to create a positive change for the environment and future generations.

3

## Ethically Sourced Materials

We are committed to using ethically sourced materials, ensuring fairness and responsibility throughout our supply chain.



# Future Development

## Potential Expansion

We envision expanding our platform to include other sustainable products beyond footwear, offering a wider range of eco-friendly options.

## Blockchain Integration

Looking ahead, we plan to integrate other blockchain technologies to enhance security and transparency within our auctions.

## Collaboration with Eco-Friendly Brands

We seek collaboration with other eco-friendly brands to promote sustainable practices and further expand our impact.



# Conclusion

## 1 Summary of BlockStep Auctions

BlockStep Auctions is revolutionizing the auction experience, offering a sustainable platform for limited edition eco-friendly shoes.

## 2 Call to Action

We invite you to support our mission by participating in our upcoming auctions and spreading the word about eco-friendly fashion.

## 3 Thanking and Connecting

We appreciate your support! For more information, visit our

**GitHub:**

**[https://github.com/Kagutaku/Start2Impact-](https://github.com/Kagutaku/Start2Impact-BlockchainFinalProject-BlockStepAuction)**

**BlockchainFinalProject-**

**BlockStepAuction** and

**LinkedIn:**

**<https://www.linkedin.com/in/emanuelebashuri/>**