UC-424

Artificial Intelligence (AI) Auction Website

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Overview

The capstone project seeks to push AI language models to new heights in web development by creating an innovative auction website. It explores the potential of these models to generate not only textual content but also the structural and design elements of a functional platform. Driven by the goal of automating development processes, the project covers the entire lifecycle, from conceptualization to implementation. Utilizing AI language models, it aims to generate code, content, and design components, culminating in a fully realized website. The endeavor promises not only an inventive auction site but also contributes insights into the capabilities and limitations of AI in web development, offering valuable knowledge for future advancements in the field.

Research Question(s)

What are the limits to what AI can do?

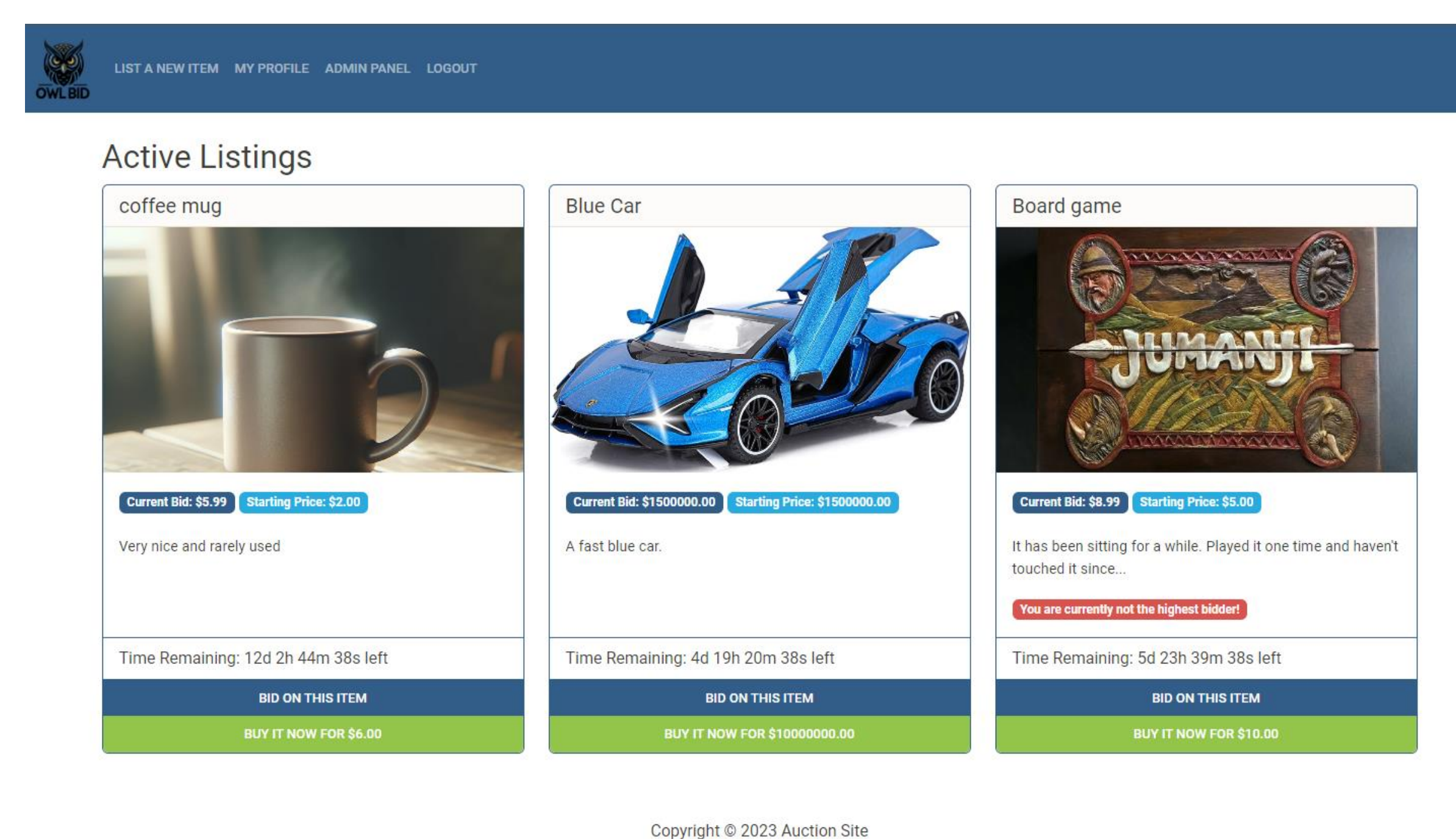Can AI be useful in generating a more meaningful project result?

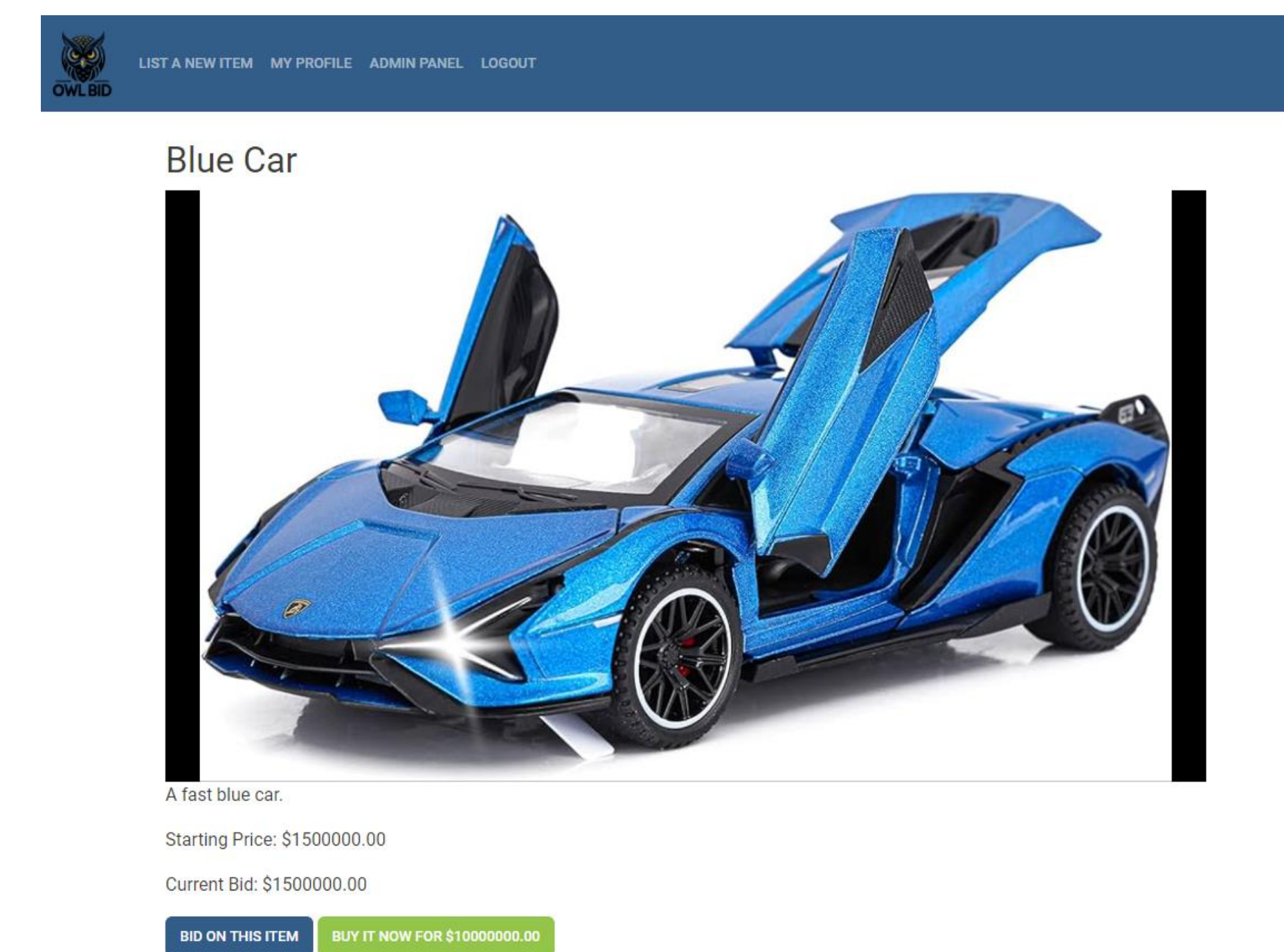How could AI be used to solve a more complex problem?

Abstract

The utilization of AI language models in web development offers a promising avenue for creating sophisticated web applications. However, to harness its full potential, it is essential to address specific challenges and limitations. It is also essential to understand the capabilities of the model and how to work around them. This paper aims to shed light on some of these areas, proposing potential solutions and charting a roadmap for the next phase of development.
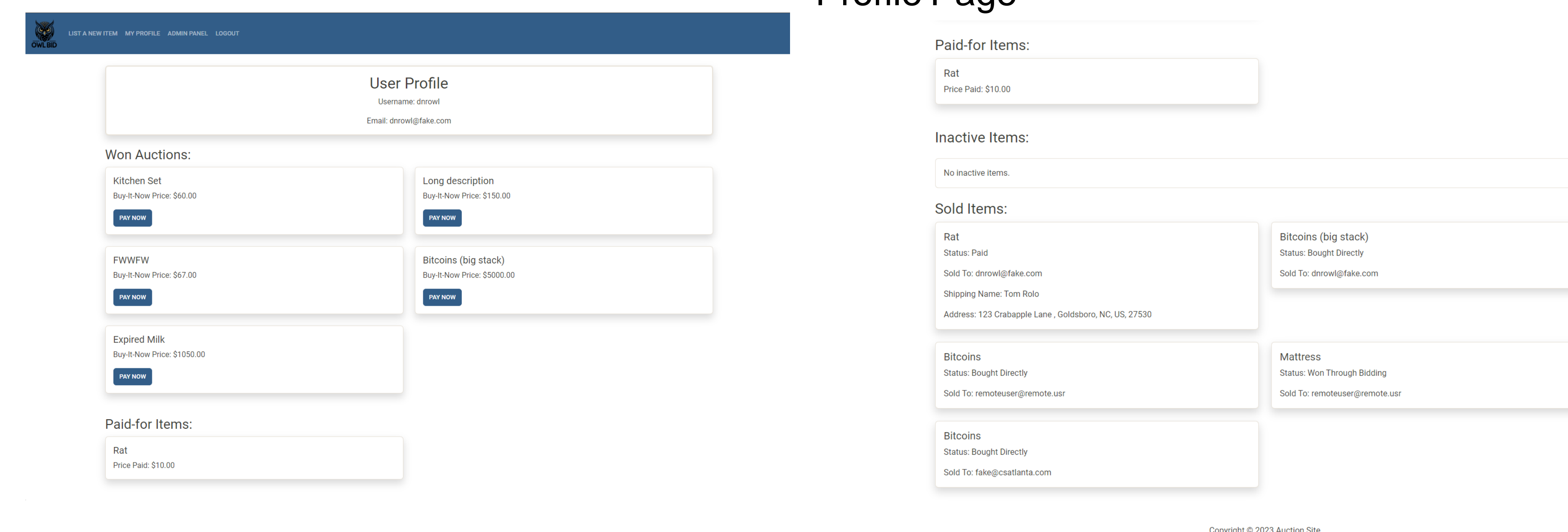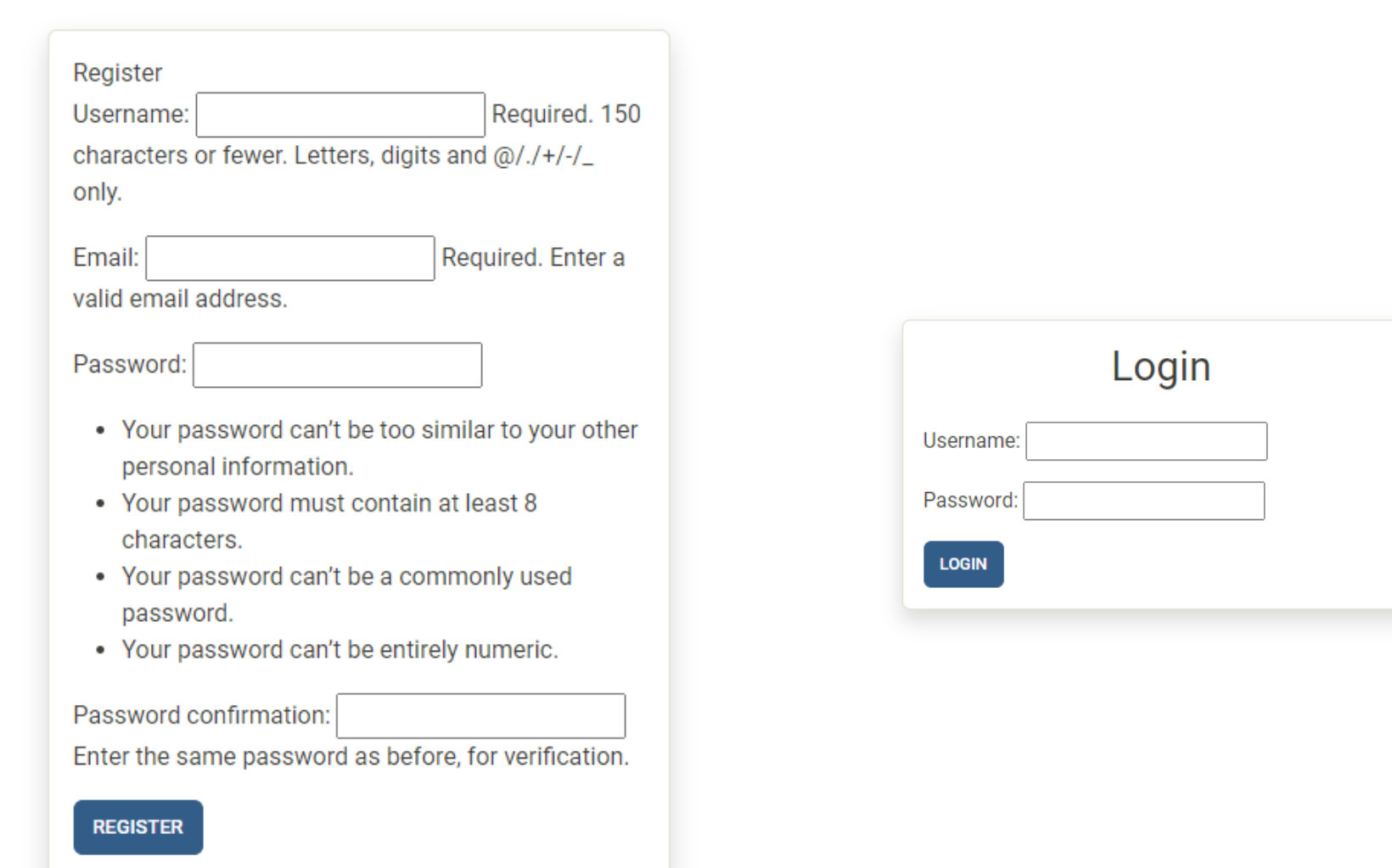
AI Auction Site Features

Home Page
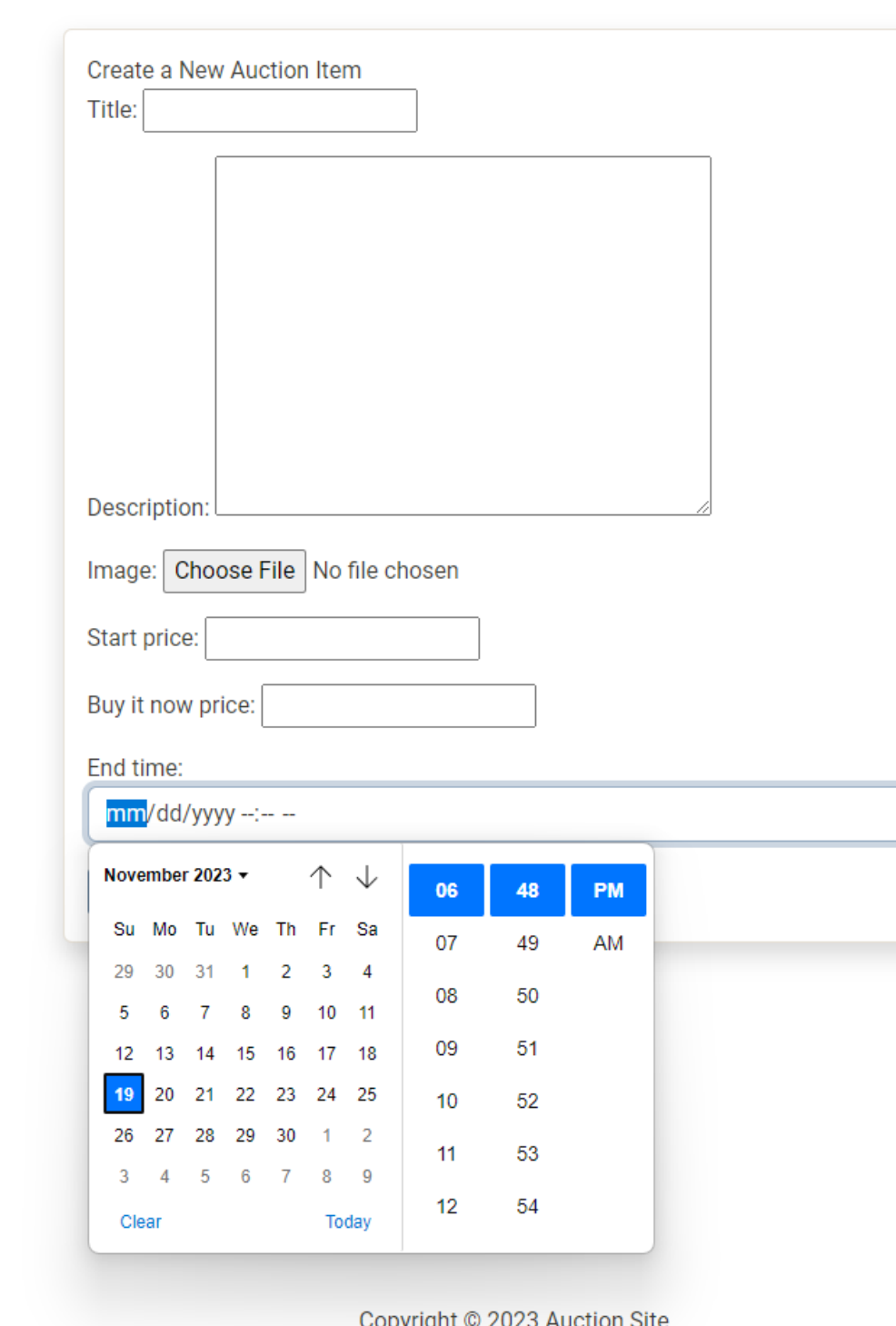

Item Detail Page

Profile Page

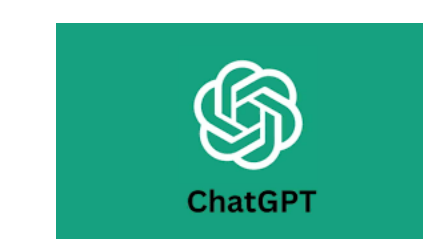### Registration/ Login Page

Item Creation Page

Conclusions

The application of AI in web development, particularly with frameworks like Django, holds immense potential. Addressing challenges such as enhancing Django proficiency and improving chat log tracking can lead to the development of more refined, user-centric web applications. The roadmap outlined for the next phase of development promises a holistic web application that is both functional and aesthetically appealing.

Literature Cited

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Technologies

django
Microsoft Teams
ChatGPT

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