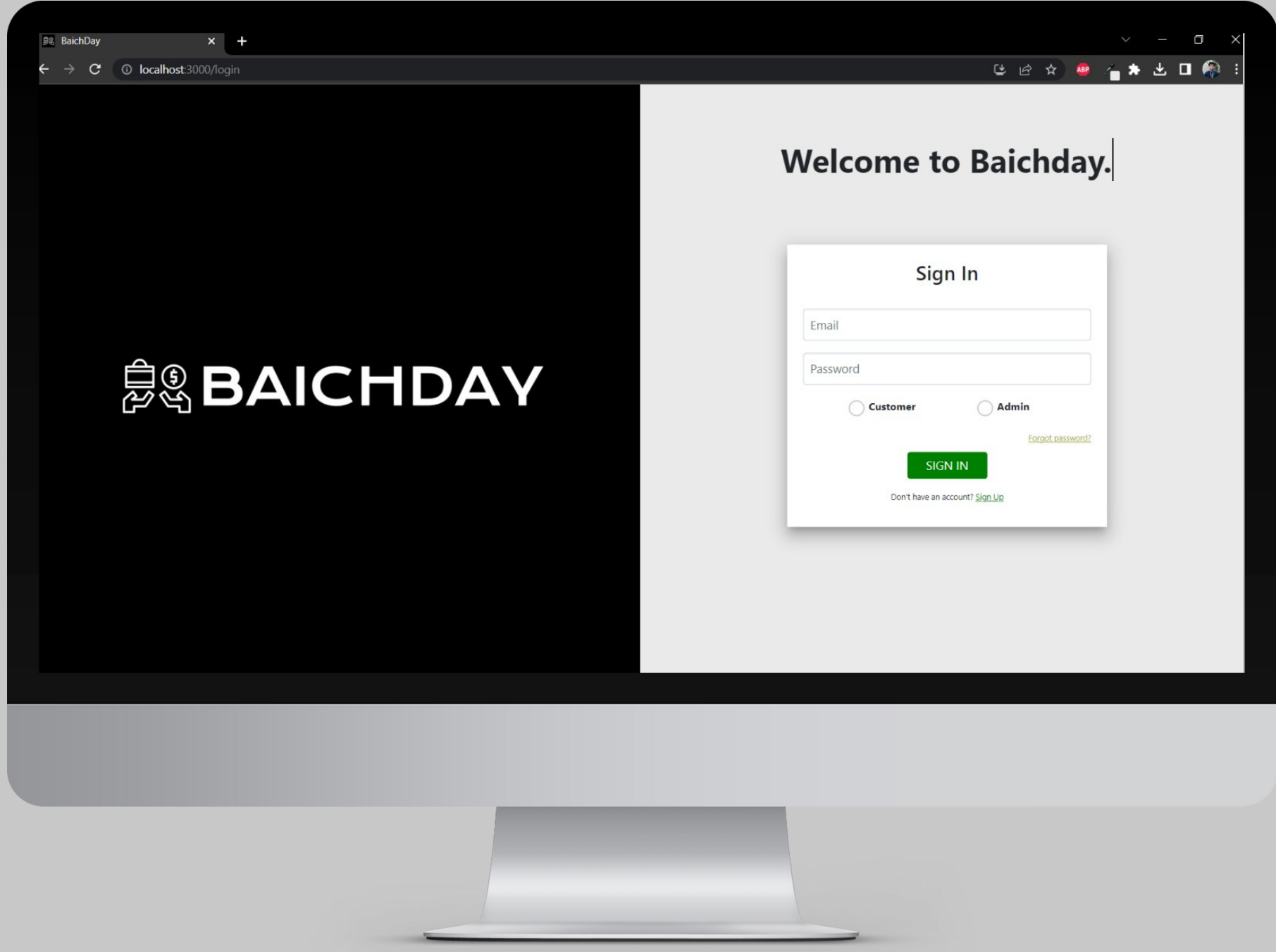


## Motivation

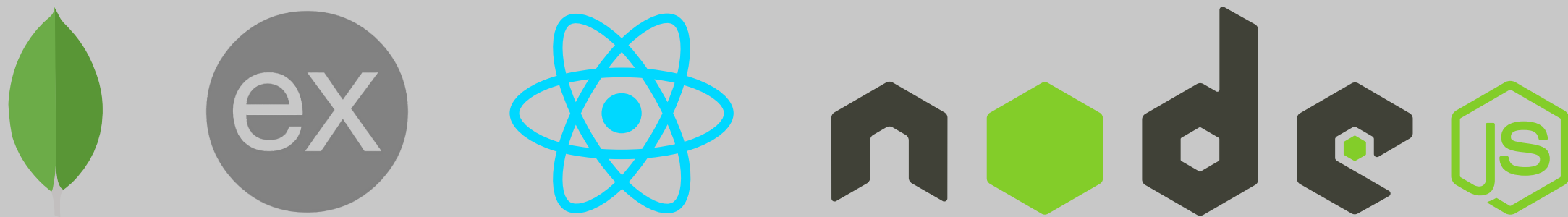
Baichday is an online bidding platform created to address the challenges faced by buyers and sellers in the online bidding process in Pakistan. The platform aims to provide a secure and transparent environment for online bidding, while also streamlining the bidding process and ensuring that sellers can get a good price for their products. Baichday was created to revolutionize the online bidding industry in Pakistan and benefit both buyers and sellers alike by offering a fair and efficient online bidding platform.

## Background

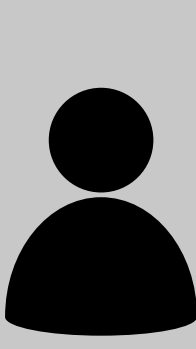
Baichday is an online bidding platform created by us to address the challenges faced by buyers and sellers in the online bidding process in Pakistan. It offers a secure and transparent environment for online bidding, with an intuitive and user-friendly interface that streamlines the bidding process. Baichday has the potential to revolutionize the online bidding industry in Pakistan and provide a fair and efficient platform for both buyers and sellers.



## Technologies

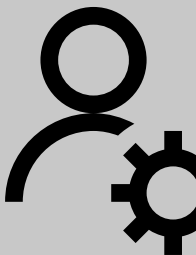


## High-Level System Features



### Users

- Bid on items present on the platform
- Upload items to sell
- Connect to your highest bidder



### Administrator

- Problem resolution
- Track bids and items
- Track profit

## Future Work

We are planning to integrate Baichday with other platforms to provide a more comprehensive user experience. We will explore the adoption of new technologies, such as AI, blockchain, or VR, to enhance functionality and security. By staying at the forefront of technological advancements, we aim to provide a more innovative and cutting-edge user experience.

## Process Methodology

### Agile Methodology

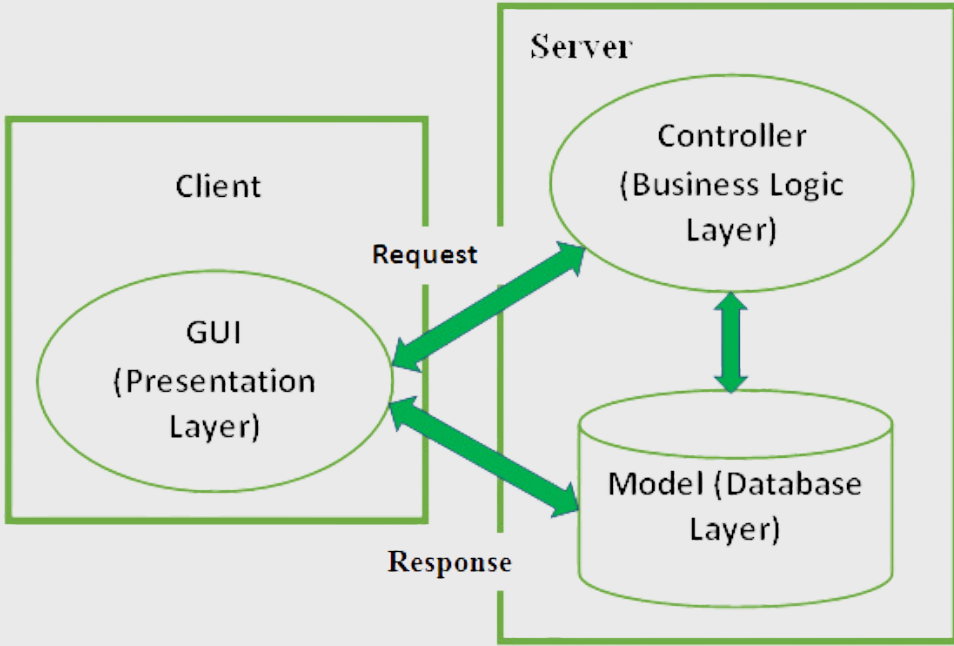
We chose agile methodology for our project for several reasons. Firstly, our project is a small-scale one, and Agile allows us to add features over time. Secondly, we have a small team with good knowledge of what we aim to achieve, so we don't require rigorous documentation at every stage. Thirdly, we have a short timeline, so Agile's focus on producing working deliverables in shorter time spans suits us. Fourthly, as new developers, we need flexibility, which Agile provides. Finally, Agile's constant improvement ethos aligns with our goal of delivering the best project possible.



## System Architecture and Context

### Client Server Architecture and MVC

Our system architecture is based on the client-server and model-view-controller patterns. We chose this architecture because it provides a clear division of labor and improves the overall performance and responsiveness of our software. The use of thin-client technology reduces the burden on the front-end and allows for efficient sharing of resources across platforms. Additionally, the modularity of the MVC pattern means that changes to one view will not affect the whole front-end, which can help to streamline our development process. Overall, we believe that this architecture provides a robust and scalable foundation for our system.



## Task Breakdown by Hours

During the final stages of our project, we found that documentation took longer than expected due to the need for multiple reviews and resubmissions. This caused some minor issues in meeting the deadlines for each sprint, as we had to adjust our timelines to accommodate the additional work required.

