

Sprint 4

All Pay Auction
CSCE 606 - Spring 2025

March 21, 2025

1 Team Roles

- Product owner: Steve Wang
 - Scrum master: Arkan Abuyazid
 - Developers:
 - Praewa Pitiphat
 - Ruvail Shahzad
 - Jason Le
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2 Customer Meetings

2.1 Date/Time/Place

The meeting will be held through zoom at 10AM on 3/20/2025.

The second meeting will be held through zoom at 10AM on 3/27/2025.

2.2 Summary

The client meeting highlighted several key action items and provided positive feedback on the project's progress. The client requested the implementation of "Auction settlement" as the main goal for this sprint.

3 Sprint backlog

3.1 What is the sprint goal?

The primary goal of this sprint is to enhance user account management and financial clarity within the auction platform. Users will gain the ability to delete their accounts and update profile information, ensuring data privacy and accuracy. Buyers will experience an improved user interface for auction navigation and the capability to add funds, facilitating active participation. Sellers and buyers will benefit from a clear separation of liquid and asset balances, providing a comprehensive view of their financial status. Sellers will also gain control over auction item details by specifying innate values and minimum bid increments, while administrators and sellers will be able to archive auction items. Finally, sellers will be empowered to settle auctions post-closure, ensuring efficient transaction completion.

3.2 Stories that were pulled into the Sprint

The stories that were pulled into this sprint are the following:

1. Feature: Bid settlement (2 point)
As a system, I want to automatically settle all bids when an auction ends, so that all participating bidders are charged, regardless of winning or losing.
Assignee: Arkan
2. Feature: Seller Settles the Auction (3 point)
As a seller, I want to be able to manually finalize an auction and trigger bid settlement, so that I can control the auction's end and ensure all payments are processed.
Assignee: Arkan
3. Feature: Profile Settings UI Improvement (1 point)
As a user, I want an improved and intuitive profile settings interface, so that I can easily update my personal information and preferences.
Assignee: Praewa
4. Feature: Add Cucumber to GitHub Actions (1 point)
As a developer, I want to integrate Cucumber tests into our GitHub Actions workflow, so that we can automate behavior-driven testing and ensure consistent application functionality with each commit.
Assignee: Praewa
5. Feature: Syncing Bids for multiple buyers (1 point)
As a buyer, I want to see real-time bid updates from other buyers, so that I have an accurate and up-to-date view of the auction's progress.
Assignee: Jason
6. javascript refactoring (1 point):
As a developer, I want to refactor the JavaScript code to improve its maintainability, readability, and performance, so that the application is more robust and scalable.
Assignee: Jason
7. implement pagination for various feature (2 point):
As a user, I want to see paginated results for auction listings, bid histories, and other relevant features, so that I can easily navigate and manage large datasets.
Assignee: Jason
8. Update "place bid" to consider min increment (1 point):
As a buyer, I want the "place bid" functionality to enforce the minimum bid increment, so that I am prevented from placing bids that do not meet the auction's requirements.
Assignee: Steve
9. Add minimum increment in auction item (1 point):
As a seller, I want to set a minimum bid increment for my auction items, so that I can control the pace and progression of the bidding.
Assignee: Steve
10. Adding funds to account (3 point):
As a buyer, I want to be able to add funds to my account via various payment methods, so that I can participate in auctions.
Assignee: Steve
11. Feature: Buyer Dashboard UI Improvement (1 point)
As a buyer, I want an improved and intuitive buyer dashboard, so that I can easily track my bids, view auction statuses, and manage my account.
Assignee: Steve

3.3 What are the tasks and their time estimates? (including non-user stories tasks)

1. Arkan:

- Bid settlement functions for seller and buyer (approx. 10 hrs)

2. Jason:

- UI enhancement and refactoring (approx. 7 hrs)
- Syncing Bids for multiple buyers (approx. 3 hrs)

3. Steve:

- Implement various bids and funds functions (approx. 7 hrs)

4. Praewa:

- Profile Setting UI Improvement (approx. 3 hrs)
- Cucumber on GitHub (approx. 3 hrs)

5. Ruvail:

- Does not have assigned work at the moment due to his absence.

4 Links

- Github Repo <https://github.com/SIRL-TAMU/all-pay-auction>
- Discord <https://discord.gg/37kNGVctuf>
- Github Project <https://github.com/orgs/SIRL-TAMU/projects/1>
- Heroku Deployment: <https://all-pay-auction3-478f271f12bd.herokuapp.com/>

Note:

- The team has permission from Professor Ritchey to use Discord instead of Slack.
 - Since pivotal tracker is no longer available, our team use GitHub Projects instead.
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