

Minutes of Meetings - Thursday

May 15th 2025

Place	Discord Meeting
Date & Time	May 15th, 2025 at 20:30
Attendees	
	Dr. Shaimaa Lazem Dr. Amira Alshazly Dr. Samia Megahed Amr Ahmed Fareeda Abouzeid Joseph Shokry Mohamed Arous Omar Tammam

Minutes	
The points listed are not in the order of discussion but capture the essence of the meeting.	
1	Demo of our work.
2	Discuss implementation with Dr. Samia
3	Discuss possible issues in tie-breaking timestamps
4	Review PATM and our back-end architecture

Action Items	
1	Scalability: Bids created take too much time, try to modify a bit in time oracle code to see if it gets better.
2	Scalability: Data saved on the blockchain is too much, move it to an external database.
3	Streaming: Implement a streaming solution to support live bids.
4	Streaming: Implement a streaming solution to support notifications to users and sellers.
5	Timeoracle: Investigate the possibility of getting the same timestamp for 2 different bidders using the call to NTP time servers.
6	Timeoracle: Review notes from Dr. Ahmed Kosba as discussed in the first semester.
7	Blockchain: Implement time limit functionality in your chain code.
8	Testing: Stress test your system on corner cases. Log important metrics such as latency, throughput, and similar performance metrics

9	Architecture: Revisit the architecture and modify it mirroring the current implementation.
10	Frontend: update the UI (clear text in the bids list) and enhance user experience.
11	Frontend: Timestamps do not appear in the UI

Next Meeting	
Time	Mid-June, 2025
Place	Discord Meeting
Prepared by	Dr. Shaimaa Lazem Dr. Amira Alshazly Dr. Samia Megahed Amr Ahmed Fareeda Abouzeid Joseph Shokry Mohamed Arous Omar Tammam