sellerapp

Two micro services

i) User management and auth

ii) Auction management and bidding

Task

User management

- Must have an admin who can access all users data

- Admin can be authenticated with a static API secret across the project

- Basic CRUD on users

- User login must be token based - which later on can be used to quote their bid

Auction

- Must have all CRUD operations on auctions by an admin authenticated with static API secret

- An action must have start time, end time, start price, item name and finally - user_id of the user who won the auction

- Normal users must be able to view all auctions that are currently going on

- Admin should be able to view all the auction status at any time

- Once the auction is complete, ie crossing end time, the auction must be won by the user who has quoted the highest amount

- Bidding

    ---- Users must be able to make bids based on the auction id authenticated with user token

Guidelines

1. Implementation can be any language.

2. Follow best practices and coding standards.

3. Layer application for modular structure.

4. Carefully design, considering the scalability of data.(in thousands).

5. Use of ORMs, libraries are must

6. Solution should be sent in 24 to 48 hrs after receiving the email.

7. Clarifications can be over IM/Email.

8. Include README

Additional points

- Unit test cases are a plus

- Docker containerization is a plus

Solution can be sent via e-mail or github.