Backend

PendingSellerOrders - id, seller\_price, seller\_qty

PendingBuyerOrders - id, buyer\_price, buyer\_qty

CompletedOrders - price,qty

Api end points:

Post:

/seller-orders - creates a new seller order

/buyer-orders" - creates a new buyer order

/match-orders" - matches seller and buyer order

Get:

/buyer-pending-orders - get all pending buyer orders

/seller-pending-orders -  get all pending seller orders

/completed-orders - get all completed orders

I have implemented transaction commands which ensures ACID properties

I have also Written app.http file in which we can check api responses for each api

Frontend:

Created two forms

  1 Buyer form -> if submit this form ,first  implements matching api and then these record is inserted into buyer-pending-table

2 Seller form -> if we submit this form , it inserts into seller pending table

Finally:

Tables data Displayeds