***QraphQL API:***

|  |  |  |  |
| --- | --- | --- | --- |
| API | Type | Query Variables | Sample output |
| Create Product | mutation createProduct($input: ProductDto!) {  createProduct(productDto: $input) {  id  name  description  address  price  }  } | {  "input": {  "id": "",  "name": "house",  "description": "Test",  "address": "test",  "price": 50000  }  } | {  "data": {  "createProduct": {  "id": "5d00e432ef978955e066efd9",  "name": "house",  "description": "Test",  "address": "test",  "price": 50000  }  }  } |
| Create bidder | mutation createBidder($input: BidderDto!) {  createBidder(bidderDto: $input) {  id  firstName  lastName  }  } | {  "input": {  "id": "",  "firstName": "chetan",  "lastName": "test"  }  } | {  "data": {  "createBidder": {  "id": "5d00e4f4ef978955e066efda",  "firstName": "chetan",  "lastName": "test"  }  }  } |
| Create auction | mutation createAuction($input: AuctionDto!) {  createAuction(auctionDto: $input) {  id  productId  status  targetPrice  reservePrice  }  } | {  "input": {  "id": "",  "productId": "5d00e432ef978955e066efd9",  "status": "CREATED",  "targetPrice": 7000.00,  "reservePrice": 5600.00  }  } | {  "data": {  "createAuction": {  "id": "5d00e52aef978955e066efdb",  "productId": "5d00e432ef978955e066efd9",  **"status": "CREATED",**  "targetPrice": 7000,  "reservePrice": 5600  }  }  } |
| Attach bid | mutation createBid($input: BidDto!) {  createBid(bidDto: $input) {  id  auctionId  bidderId  amount  bidStatus  }  } | {  "input": {  "id": "",  "auctionId": "5d00e52aef978955e066efdb",  "bidderId": "5d00e4f4ef978955e066efda",  "amount": 5500  }  } | {  "data": {  "createBid": {  "id": "5d00e571ef978955e066efdc",  "auctionId": "5d00e52aef978955e066efdb",  "bidderId": "5d00e4f4ef978955e066efda",  "amount": 5500,  "bidStatus": "BID\_PLACED"  }  }  } |
| Attach Bid equal to Reserve Price | mutation createBid($input: BidDto!) {  createBid(bidDto: $input) {  id  auctionId  bidderId  amount  bidStatus  }  } | {  "input": {  "id": "",  "auctionId": "5d00e52aef978955e066efdb",  "bidderId": "5d00e4f4ef978955e066efda",  "amount": 5600  }  } | {  "data": {  "createBid": {  "id": "5d00e600ef978955e066efdd",  "auctionId": "5d00e52aef978955e066efdb",  "bidderId": "5d00e4f4ef978955e066efda",  "amount": 5600,  "bidStatus": "BID\_PLACED"  }  }  } |
| Final Bid after reserve price met | mutation createBid($input: BidDto!) {  createBid(bidDto: $input) {  id  auctionId  bidderId  amount  bidStatus  }  } | {  "input": {  "id": "",  "auctionId": "5d00e52aef978955e066efdb",  "bidderId": "5d00e4f4ef978955e066efda",  "amount": 7000  }  } | {  "data": {  "createBid": {  "id": "5d00e65aef978955e066efde",  "auctionId": "5d00e52aef978955e066efdb",  "bidderId": "5d00e4f4ef978955e066efda",  "amount": 5600.01,  "**bidStatus": "FINAL\_BID"**  }  }  } |
| Get All products | query {  getAllProducts{  id  }  } |  | {  "data": {  "getAllProducts": [  {  "id": "5d00e432ef978955e066efd9"  }  ]  }  } |
| Get all Auctions  (with FINISHED status) | query {  getAllAuctions{  id  targetPrice  reservePrice  status  }  } |  | {  "data": {  "getAllAuctions": [  {  "id": "5d00e52aef978955e066efdb",  "targetPrice": 7000,  "reservePrice": 5600,  **"status": "FINISHED"**  }  ]  }  } |
| Get all bidders | query {  getAllBidders{  id  firstName  lastName  }  } |  | {  "data": {  "getAllBidders": [  {  "id": "5d00e4f4ef978955e066efda",  "firstName": "chetan",  "lastName": "test"  }  ]  }  } |
| Attaching bid to already finished auction | mutation createBid($input: BidDto!) {  createBid(bidDto: $input) {  id  auctionId  bidderId  amount  bidStatus  }  } | {  “input”: {  “id”: “”,  “auctionId”: “5d00e52aef978955e066efdb”,  “bidderId”: “5d00e4f4ef978955e066efda”,  “amount”: 5600  }  } | {  “data”: {  “createBid”: null  },  “errors”: [  {  **“message”: “Auction with id :5d00e52aef978955e066efdb already closed”,**  “path”: [  “createBid”  ],  “extensions”: null,  “errorType”: “DataFetchingException”,  “locations”: [  {  “line”: 2,  “column”: 3,  “sourceName”: null  }  ]  }  ]  } |
| Creating auction against incorrect prodict id | mutation createAuction($input: AuctionDto!) {  createAuction(auctionDto: $input) {  id  productId  status  targetPrice  reservePrice  }  } | {  "input": {  "id": "",  "productId": "5d00e432ef978955e066efd",  "status": "CREATED",  "targetPrice": 7000.00,  "reservePrice": 5600.00  }  } | {  "data": {  "createAuction": null  },  "errors": [  {  **"message": "Product not found for given id : 5d00e432ef978955e066efd",**  "path": [  "createAuction"  ],  "extensions": null,  "errorType": "DataFetchingException",  "locations": [  {  "line": 2,  "column": 3,  "sourceName": null  }  ]  }  ]  } |