Date: _____

front end.

back end.

Database

- API's
- server info.
- Architecture services
- postgress
- Database
- Structural database
- state to database
- use Java for efficient use.
- Services used
- user interface
- use Typescript for good services
- state to Backend
- finding user end.
- use Node.js
- local services
- global services
- service info

Bid

BitID: string

auction ID: string

user ID: string

bitAmount: double

User

user ID: string

name: string

email: string

role: seller

place Bid:

view auction.

Auction

auction ID: string

item : string

starting price: double

end time: TimeDate.

Add bit

gethighest Bid:

Payment

payment ID: string

Bit ID: string.

user ID: string

Notification

user ID: string

Auction ID: string

Bit ID: string.

place Notification
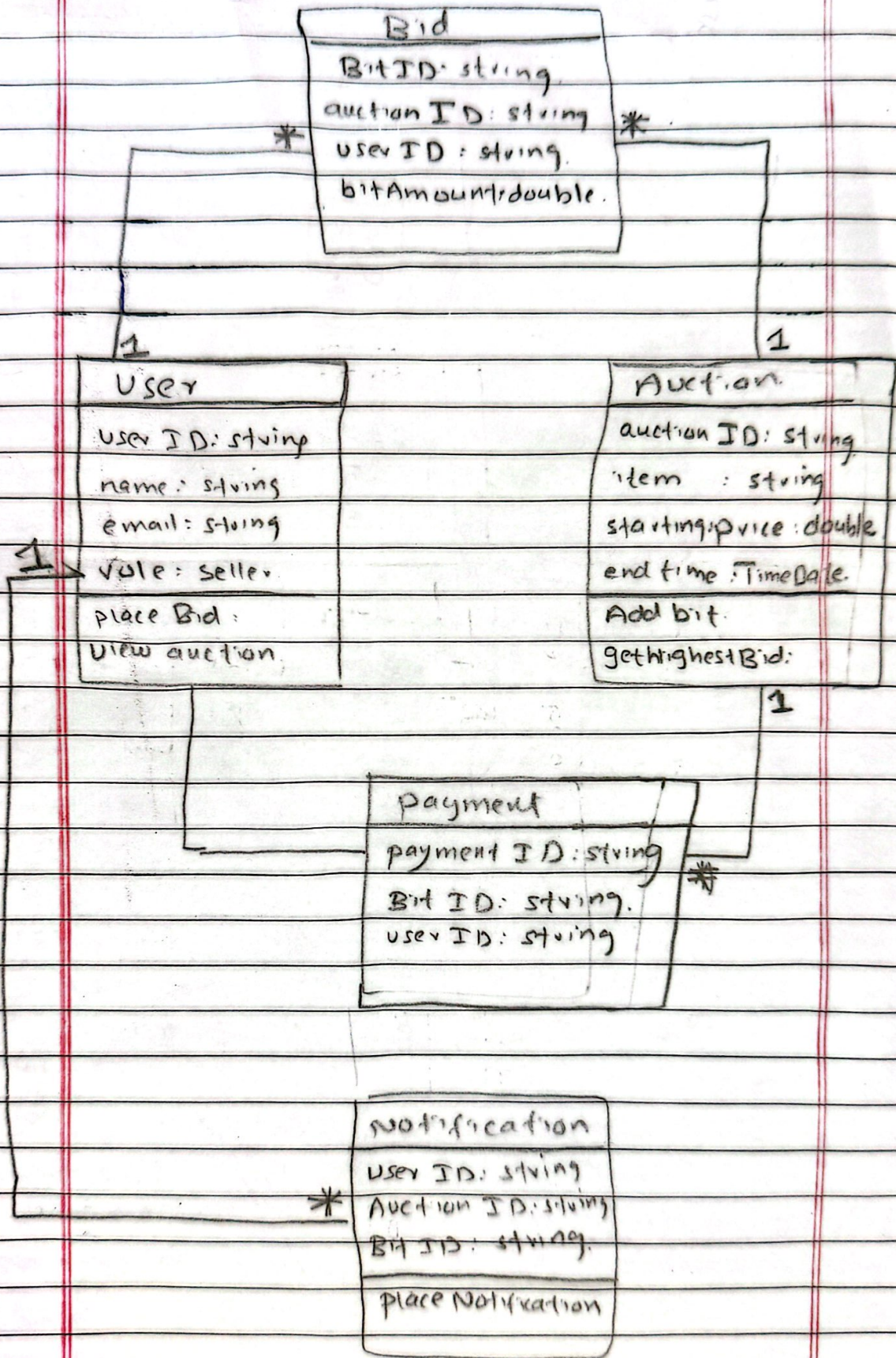
(3) c part.

state changing for auction.

start ●——————→ [user session active]

[auction created] ——— 9b failed.

9b not schadule.

[auction shahdule.]

9b error occur

[Auction Active.]

[Reject bidding]

9b baiied

[Auction cancelled.]

[auction ended]

[payment auction.] — 9b failed → [auction performing payment]
4 sucess ←

[payment complete] — 9b any significant error occur

[reopend auction]

● end