method Name: Booking () class name: Booking Clients: users Associated we case: user, customer history, court Description: The Booking JD will be created when the user login to the application and Book the loubt. Arguments received: whenever the user has book the book and it will fetch the Booking table. Types of value seturned: It will seturn either "Incorrect user name (or pass word" le Not-fact (0) or which is "login and successfully; and it xeturn 500 en 400 Status accordingly Pre-condition: For this case, there needs to be Valid user whenever he tries to book a court H will coede a valid booking ID under his name Pest-condition: Booking ID will create based on the Buoking user

method name: order historyis classramo: history chert : user Associated classes user, booking Description: By using user ild the booking history will be fetched, the method will go to the database by booking iD and tetch the details based on the user Arguments receised - Based on the customer booking history ID 1+ will fetch the boleing date with the date and boulding attacks Types of Values returned: It will return either "In lessed username" or "password" he not found (00) which is "by in and success fully and it return too (8) 400 status accordingly pre londition: The was needs to book the work to teetin the order hutory pust- condition It will reflect an the booking history of the user

method name: 1000+ feecs (lassname: fee

c lient : user

Associated classes; lourt.

Description: Each court has a seperate fee H is named as fee id and it is fetch thedoda:

Arguments received: Their tee amount fee with the added to the booking table and it will store in the data base.

Types of values returned: It will return either "Incomed user name" (or "pays word" i.e., nut tound coss ok which is "log in and successfully and 4 return 500 623 400 Steadus accordingly

Dre-Codition: Then fee can be assigned only if there is round

Post- condition the fee was be adjusted in the booling table tosed on his court booking

class name: (0x+1) method name Add to ast () Chent: User Associated classes - User, booking -Description: After sellecting the court the uses needs to add the items in the (ourt. The cart should not be not! In todes to book the court Arguments received: After adding stems to the lourt if the costome wants his liker details he can teach all the items in the cast Types of values returned: It will return either " Incorrect username" (00) password" 1.e, not found 600 which is log inand siccess tully and it setten 100 (05) 400 Diccess tony was status accordinaly.

The court should not be note: cout most have items in the court post: condition: wherever the user added the the cast need to Court into his cast create under his viertio

Methodname: (000+10) Classiame: louit client : user Associated classes: User, Booking, fee Description: When the user logged into his account and complete the process the Court will be booked ... Arguments received: The court will be assigned to the booking table under the username types of values returned i It will return either "Incorrect username" (00)" pass word" i.e., not -bund Go OK which is 11/09 In and successfully; and it return 500 con 400 Status accordingly. Pre-condition. The word needs to be available too the uses to book pout condition: (out will be assigned to

the user that will be assigned to booking table.

Clients: Users

Associated Use case: Login booking

Description of Responsibilities: Username and passwood information should retire and user from data back and they should not be nell.

Arguments Received: As a response, it receives an object and this object contains the wer information like the over name and encrypted passord.

Type of value Returned: It will return either "Incomed Username or password" i.e Notfound or ok which is "Logand successfully; and it returns soo to woo status accordingly.

Pre-Condition: User name and the password must not be null as per the pre-condition.

Post-condition! To verify if the respective wer is existing in the database, we must check if iso;

In the above condition, i rejets to the number of rows returned from the database for the given Username and User password.

loored pictorphice total Prite procingto -Ad 6 to Calt AME Acailability The SCATO 1000+17/PR (our + Namp - Location Courtio ¥ (0084 71 sadifional plages Packet Rentolle court Rendal HR email 3D Prone no Password OSERD USERNAME A 96 for Bame fee USex Payment Intoling (UZ-front of history-ID Booting Date King class Diagram? CI + MOS Booking ID Booking S history Use o ID 10stornes Pate B60 Eing

object Diagram s:

TUSEX-> CLOUS

Justiname: Venkata nama

UseroTp: Dama

UseroTp: October

Passwood: nama@ol

emailID: namal 123@ gmail.com

Age: 22

Phone-no: 123456789

Description: username and password international should be toleve user from data base and they should be not

Booking

Booking ID = 23142
Booking Date = 09/01/2022
USERID = 0901
Court ID = 2
Payment Into = done

Description: The Booking ID will be created when the user login to the application and Book the court

Booking Date: 10102/2022

Booking Date: 10102/2022

UserJD: - 1456

(008/JD:-01

Payment Into: done

COURTION 2 coustrame: nabana (oustrype: 2 players (008+)-Availability Type: 10 Am - 12 pm location = grand rapids Coust Prive: \$100 Description: After the user logged into his/h account selecting the lousttype, time, location. 1000+ Poice the court will be booked customes Customer his tung history JD : 2345 Date à ogloil2029 Bookings: 2314 a Customer history TO :- 04324 Pate E 10/02/2022 Bookings ÷ 43212

Description: By userng customes history ID and pate. Buoking ID the history will be tedered, the method will go to the database by booking ID and fetch the details based on the user ID.

fee

| Coost Rentalfee: \$100
| Racket Rentalfee: \$50
| Additional players: NO

| Coust Rental fee: \$150
| Racket Rentalfee: \$75
| Additional players: Yes

Description: each court has a seperate fee.

and oses needs to the select the round desired and it will ask additional Players it the uses needed, it will tect in

User50 + 0901 Add to cart booking JD++ 23142 Total pico: \$100. JIME it loam - 1 epm USENTO: 1456 booking Tp - 43212 Total price: \$150 Time: 3pm-5pm

Description: The user needs toadd the selected ithems to the cart it will have user ID. booking ID, total price, time the cast should not be null in usage to tout the lount books.