

Class diagram**UserModel:**

UserModel

-String uuid

-String name

-String pwd

-String email

-String address

-String creditCard

+String getEmail()

.....

+void setEmail(String email)

+String getAddress()

+void setAddress(String address)

+String getCreditCard()

+void setCreditCard(String creditCard)

+String getUuid() +void setUuid(String uuid)

+String getName()

+void setName(String name)

+String getPwd()

+void setPwd(String pwd)

+int hashCode()

+boolean equals(Object obj)

+String toString()

HostelModel:

HostelModel

-String Hostelid;

-String street;

- String city;

- String state;

- **int** postalcode;

- String country;

- String phone;

- String email;

- String facebook;

- String web;

- String checkintime;

- String checkouttime;

- String smoking;

- String alcohol;

- **int** cancellationdeadline;

- String cancellationpenalty;

- ArrayList<AvailabilityModel> avail;

.....

```

+String getHostelid()
+void setHostelid(String Hostelid)
+String getHostelname()
+void setHostelname(String Hostelname)
+String getStreet()
+void setStreet(String street)
+String getState()
+void setState(String state)
+ int getPostalcode()
+void setPostalCode(String Code)
+void setCountry(String country)
+void setPhone(String phone)
+void setEmail(String email)
+void setFacebook(String fb)
+void setWeb(String web)
+void setCheckInTime(String checkintime)
+void setCheckOutTime(String checkouttime)
+void setSmoking(String smoking)
+void setCancellationDeadline(int cancellationdeadline)
+void setCancellationPenalty(int cancellationpenalty)
+void setAvailability(ArrayList<AvailabilityModel> al)
+ String getPhone()
+ String getEmail()
+ String getFb()
+ String getWeb()
+ String getCheckintime()
+ String getCheckouttime()
+ String getSmoking()
+ String getAlcohol()
+ int getCancellationdeadline()
+ String getCancellationpenalty()
+ ArrayList<AvailabilityModel> getAvail()
+int hashCode()
+boolean equals(Object obj)
+String toString()
+int compareTo(HostelModel o)

```

AvailabilityModel:

AvailabilityModel

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- String availabilityid;
- int room;
- int bed;
- float price;
- long date;

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```
+int getBeds()  
+setBeds(int beds)  
+long getDate()  
+void setDate(long date)  
+String getAvailabilityid()  
+void setAvailabilityid(String availabilityid)  
+int getRoom()  
+void setRoom(int room)  
+float getPrice()  
+void setPrice(float price)  
+int compareTo(AvailabilityModel a)
```

OrderModel:

OrderModel

-String orderid;

-String userid;

-String Hostelid;

-long dateCreate;

-int status;

+String getHostelid() +void setHostelid(String Hostelid)

+String getOrderid()

+void setOrderid(String orderid)

+long getDateCreate()

+void setDateCreate(long dateCreate)

+String getUserid()

+void setUserid(String userid)

+int getStatus()

+void setStatus(int status)

+int hashCode()

+boolean equals(Object obj)

+String toString()

+int compareTo(OrderModel o)

OrderDetailModel:

OrderDetailModel

-String orderid

-int quantity;

-float total;

+float getTotal()

.....

+void setTotal(float total)

+int getQuantity()

+void setQuantity(int quantity)

+int hashCode()

+boolean equals(Object obj)

+String toString()

Class Diagram: