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

**-** String availabilityid;

- int room;

- int bed;

- float price;

- long date;

+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:**

