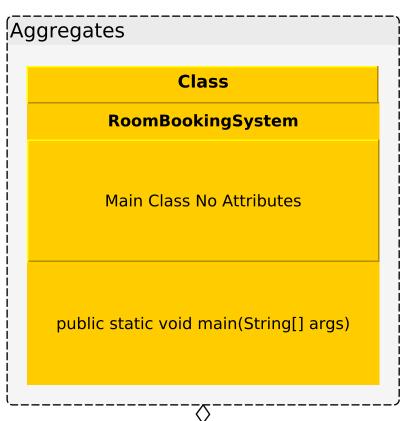## Aggregates

Class

Reservation

Year
sessionName
date
roomName
numPeople

public Reservation(String UserName, String SessionName, int timeIn,
int duration, int date, int month, String roomName, int People)
public Boolean compareSame (Reservation res)
public Boolean ReservationClash(Reservation other)
public Reservation getReservationNextWeek(Reservation res)
public String getUser()
public String getSessionName()
public DayDealer getDate()
public String getRoomName()
public int getNumPeople()

Class

Class

DayDealer

timeStart
duration
timeEnd
date
month
year = 2013

public DayDealer(int timeStart, int duration, int date, int month)
public Boolean timeClash(DayDealer day)
public Boolean isEqual (DayDealer day)
public DayDealer getDateNextWeek (DayDealer oldDate)
public int getTimeStart()
public int getDuration()
public int getTimeEnd()
public int getDate()
public int getMonth()

Aggregates

Class

RoomBookingSystem

Main Class No Attributes

public static void main(String[] args)

Aggregates

Class

Room

roomName
roomCapacity
reservationList

public Room(String newName, int capacity)
public Boolean addReservation
(Reservation newbooking, int weeks)
private Boolean reservationClashRoom(Reservation booking)
private Boolean checkUserDate (Reservation resOne, Reservation resTwo)
public Boolean checkCanDelete (Reservation booking)
public Reservation deleteParticularReservation (Reservation booking)
public void printReservationInRoom ()
public String IntMonthToStringMonth (int Month)
public String getRoomName()
public int getRoomCapacity()
public ArrayList<Reservation> getReservationList()

Aggregates

Class

BookingSystem

allRooms

public void setRoom(String roomName, int capacity)
public Boolean addReservation
(Reservation newR, int weeks, String roomBooked)
public ArrayList<Reservation> deleteReservation
(Reservation old, String roomName, int weeks)
public void changeReservation
(Reservation old, Reservation newR, int weeks)
public void printReservationOfARoom
(String roomName)

Aggregates

Class

InputManager

BookingSystem;
//REGEX COMMANDS
ROOM
BOOK
DELETE
CHANGE
PRINT

public InputManager()
public int StringMonthToIntMonth(String Month)
public void commandInterpreter(Scanner input)