USECASES-HOSTEL-21   PROJECT

USECASE1: SEARCH USER & BOOK

VERSION: 1

GOAL   :   To search for the availability of no. of beds in the corresponding hostel and book the cheapest room possible.

SUMMARY: When a customer calls to check the availability of the beds the user has to check the availability and then books the the available beds according to his requirements by entering his personal information. The admin (owner of the hostel) must be able to view revenue and occupancy.

ACTORS: the actors involved in this is USER & ADMIN

PRECONDITION: the user has to login before searching for the details

TRIGGERS: the user has to enter all details (except no. of beds) as it is optional

EVENTS:

1.Login by entering username and password

2.Check for availabity by entering details

3.Book the no. of beds by entering email

4.Confirm booking by entering customer personal information

ALTERNATIVE PATHS: NONE

POSTCONDITION:

   Proceeding to add customer

BUSINESS RULES:

User should provide all the details.

NOTES:

The software works on windows and linux

AUTHOR & DATE:

NAMRATA-GADDAMEEDI 11/24/2013

USECASE2: ADD CUSTOMER

VERSION: 1

GOAL   :   To add the customer into the database.

SUMMARY: When a customer calls to check the availability of the beds the user has to check the availability and then books the the available beds according to his requirements by entering his personal information. The admin (owner of the hostel) must be able to view revenue and occupancy.

ACTORS: the actors involved in this is USER & ADMIN

PRECONDITION: the user has to enter email before booking .

TRIGGERS: the user has to book before adding a customer

EVENTS:

1. The user after booking has to enter the email-id
2. if the user is a new user then enter personal information
3. if already existing user modify or else continue which returns a new hostel _id

ALTERNATIVE PATHS: NONE

POSTCONDITION:

   Proceeds to modify_user

BUSINESS RULES:

User should provide all the details.

NOTES:

The software works on windows and linux

AUTHOR & DATE:

NAMRATA-GADDAMEEDI 11/24/2013

USECASE3: MODIFY CUSTOMER

VERSION: 1

GOAL   :   if the email-id is already existing one then it can be modified by entering firstname lastname and email

SUMMARY: When a customer calls to check the availability of the beds the user has to check the availability and then books the the available beds according to his requirements by entering his

personal information. The admin (owner of the hostel) must be able to view revenue and occupancy.

ACTORS: the actors involved in this is USER & ADMIN

PRECONDITION: IF the user-id is already present

TRIGGERS: the user has to provide correct information as it will be sent to their mail

EVENTS:

1. if the user exists already then modify it to different email-id by entering all his details i.e firstname lastname email are mandatory whereas
cc number,expiration,phone no.,are optional
2. else continue with an existing user

ALTERNATIVE PATHS: NONE

POSTCONDITION:

   Proceeds to view customer

BUSINESS RULES:

User should provide all the details.

NOTES:

The software works on windows and linux

AUTHOR & DATE:

NAMRATA-GADDAMEEDI 11/24/2013

USECASE4:VIEW BOOKING

VERSION: 1

GOAL   :   To view the customer details to make sure that it has been loaded into the database by entering book_id

SUMMARY: When a customer calls to check the availability of the beds the user has to check the availability and then books the the available beds according to his requirements by entering his personal information. The admin (owner of the hostel) must be able to view revenue and occupancy.

ACTORS: the actors involved in this is USER & ADMIN

PRECONDITION: the user has to enter details before viewing

TRIGGERS: the user has to enter correct details

EVENTS:

1. The user has to booking-id & customer email
2. the user can view only it has been entered into the database

ALTERNATIVE PATHS: NONE

POSTCONDITION:

   Proceeds to

BUSINESS RULES:

User should provide all the details.

NOTES:

The software works on windows and linux

AUTHOR & DATE:

NAMRATA-GADDAMEEDI 11/24/2013

USECASE5:VIEW CUSTOMER

VERSION: 1

GOAL   :   to view the customer details

SUMMARY: When a customer calls to check the availability of the beds the user has to check the availability and then books the the available beds according to his requirements by entering his personal information. The admin (owner of the hostel) must be able to view revenue and occupancy.

ACTORS: the actors involved in this is USER & ADMIN

PRECONDITION: we can view the customer only if the id & email is properly specified

TRIGGERS: the user has to book before adding a customer

EVENTS:

    1. the user has to enter email &id to view customer details
    2. the customer details will be displayed

ALTERNATIVE PATHS: NONE

POSTCONDITION:

  Proceeds to modify_user

BUSINESS RULES:

User should provide all the details.

NOTES:

The software works on windows and linux

AUTHOR & DATE:

NAMRATA-GADDAMEEDI 11/24/2013

USECASE6:CANCEL BOOKING

VERSION: 1

GOAL   :   To cancel the booking that has been made within the cancellation period

SUMMARY: When a customer calls to check the availability of the beds the user has to check the availability and then books the the available beds according to his requirements by entering his personal information. The admin (owner of the hostel) must be able to view revenue and occupancy.

ACTORS: the actors involved in this is USER & ADMIN

PRECONDITION: the user can cancel only if he specifies hostel-id

TRIGGERS: the user has to book room then only he can cancel it

EVENTS:

1.by entering cancel_id the user can cancel the booking

2.the status will be changed to cancelled

ALTERNATIVE PATHS: NONE

POSTCONDITION:

   Proceeding to changing of status to cancelled

BUSINESS RULES:

User should provide all the details.

NOTES:

The software works on windows and linux

AUTHOR & DATE:

NAMRATA-GADDAMEEDI 11/24/2013

USECASE7:SHOW_REPORT

VERSION: 1

GOAL   :   To show the report of the revenue ,occupancy ,bookings ,cancels

SUMMARY: When a customer calls to check the availability of the beds the user has to check the availability and then books the the available beds according to his requirements by entering his personal information. The admin (owner of the hostel) must be able to view revenue and occupancy.

ACTORS: the actors involved in this is   ADMIN

PRECONDITION: the admin has to enter start date,end date, hostel name details correctly

TRIGGERS: the user has to enter all details (except no. of beds) as it is optional

EVENTS:

1.the admin has to enter start date,end date, hostel name details

2.it displays the occupancy, revenue,bookings,cancels

ALTERNATIVE PATHS: NONE

POSTCONDITION:

The cost has to be displayed correctly

BUSINESS RULES:

User should provide all the details.

NOTES:

The software works on windows and linux

AUTHOR & DATE:

NAMRATA-GADDAMEEDI 11/24/2013

USECASE8: load data

VERSION: 1

GOAL   :   To load the data from xml files into the database

SUMMARY: When a customer calls to check the availability of the beds the user has to check the availability and then books the the available beds according to his requirements by entering his

personal information. The admin (owner of the hostel) must be able to view revenue and occupancy.

ACTORS: the actors involved in this is ADMIN

PRECONDITION: the admin has to load the xml files properly any change causes errors

TRIGGERS: the user has to book before adding a customer

EVENTS:

1. The user has to load the xml by using the xml filename
2. Then the data will be entered into the database

ALTERNATIVE PATHS: NONE

POSTCONDITION:

The data is enterd into the database

BUSINESS RULES:

User should provide all the details.

NOTES:

The software works on windows and linux

AUTHOR & DATE:

NAMRATA-GADDAMEEDI 11/24/2013