

## future Scope:

- \* Ea if customer cancelled the room, that room will be given to the other customer who needed by some to the Ade
- \* Adding of Worker module so that Admin can intimate worker to clean the room, once the visitor vacate.
- \* Email generation task is to be integrated.
- \* Onsite-quiries should be answered.
- \* Scope of the project:
  - \* Helps in preplanning of the customer on Booking the room in desired hotel if there is
  - \* Increase your online visibility. pulle pet
  - \* prevents Double Booking and manual Errols
  - \* Accurate dialy steports

Limitations: \* Reduce the Connection Color staffs of Human touch

- \* Relay to internet connection
- \* Risk of yben-Attack.

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common function of managed bean \* Validating a components data

- the Vistor Vac
- \* Per for navigation purpose.

Session scope: it can persist across multiple HTTP request in a Web application. OUVIEC - OPPINE

- \* Transaction interface defines unit of work
- It maintains abstraction from implementation of Helps in preplanning of the transaction
- It is associated with session & instantiated by calling session-begin Transaction ()
- Save () is used for inserting second
- t.commit():- savery. saves all the changes done \*
- SQL date nepresents date without time
- util date supresents both Date & time

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1 day = 24hs

1hs - 60min

1m - 60sec

1se = 1000mis

the input text to mender an app field on web page <h: secret text ;-

JSF is a serverside java hamework for web development

USF life gale divided into two main proses

JSF application begins when

1. Execute phase ? client makes on HTTP Reg 2- Render phase

for a page of ends when server energonds with the page

benefits of JSFs-

\* clean of clear separation b/w behaviour & Presentation of web application

It We an write business logic of werinterface separately

features of JSF

\* Components-Based FW

Implements Facelets Technology

\* Integration with Expression language

Supports HTML5

\* Bean annotations

of JSF in a computer, platform needs to have JDK 1.5 (8) above MVC - Model View Controlley

Java, Hibernate, JSP, JSTL Hibernate: It is an ORM (persistence) and avery service for any java application. \* Hibernate maps java classes to database tables. \* Difference B/W String and StringBuilder String Builder \* string objects are & string Builder objects immutable are mutable string Builder String Buffer \* String Builder objects & String Buffer object are not synchronized are synchronized & not thread safe & thread safe \* OOPL? -> Any programming lang which supports class, object, Encapsulation, Abstraction, inheritance, poly morphisms \* class: class is a blueprint in which object are \* Object: it is a sical world entity, we are wew

Keyword for creating object, we can identify state,

\* Constructor: It is used to initialize an object \* Constructor name schoold be scame as class none

\* It has no teturn type.

O Type here to march What is adefault constructors of a programma does not supply any constructed for a class then java coropiler supplies a default constructor for the class of except and examples to Interface: Interface Contains methods without body interface can also contain final Variables \* We can't create object to the interface \* Implements Keyword. Encapsulation; Binding the data into a single unity was paids ing Builder Abstraction: - hiding unnecessary debails and Chowing only necessary data reblies prints & Inheritance acquiring properties from one class to another class. \* reduce code desplication! Polymorphism: Single action can be done in different ways Ocs: compile time Static polymorphism; ser method overloading @ R. D: - Runtime / Dynamic polymorphisms; Est method overriding Constitution mands advanted be assume as being mater an earl

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over loading: - 2 or more methods having same name and different parameters in given days of Jampalanah anabar Public string M, (int x) netur (Hi") Public String M. (intx, inty) return (Hello)

over tiding :- subdays has same method as dela in the parent days, it is known as our \* Subclass provides a particular implementation of methods declared by one of its parent down

Session factory: - S.F in 'H' is nexpossible

for creation of session objects

\* It is thread safe bland B, mapping, config file

\* It is a heavy weight object. so it is to create heavy weight object and kept for laterure

\* S'F objects are one per application

Session: \* sexion objects are 1 per client

\* it provides crud interface for mapped clay \* not thread sabe.

\* easy access to API

Entity class: To stoke point objects in dotaba, ype here to OB \* It is a pojo dans ( plain old java dojectr) E.f \* It reduces development time & allows easy mapping of business object. entity class 1. Syntactic Logical set of things having collection of fields arrocated with Sime property (02) a the povent day, it is known by kind, quality etc Getters and Setters: There are used to Moket the data especially while creating \* getters are used to sietuen its value. \* Setters are used to set of update the Value Param: - param maps siequetted parameter name to bingle value person son \* Criteria: it is like where claused ? \* regreget parameters :- it is criteria language in which we can perform the prequired operating \* Projection :- projection is used for Particular field. Il A of 1000 1800

open sextion? This method helps to open newsearing if you are done with database operations you can close the session

Key Components of Hibernate Configuration Object:

\* D.B connection - Shandled by I on more config fileily

\* class mapping setup. ( cornection blw javo class & D-B-toll

Collections In Hibanate :-

\* A collection basically a first, Set, Map,

Sorted set, sorted Map.

\* Hibernate injects persistance collection loved

on type of interface

collection types in Hiberinale:

[Array, Bag, Set, List, Map | ABS LM

Persistance Table: It is used with entity bears to define the corresponding table name in DB.

I.D.:- defines primary key in entity bean.

Embedded ID: - Defines Composite key in entity bean.

Column: - helps in defining column name in P.B. table.

Generated values It is used for generation of 2 Type her Premary Key Get ament Session: - it creates newscession if it doesnot exists (d) uses current hiberrate cont. \* it automatically close the session the tramaction done. Benefit of Hibernate: \* Automated session closing abilities \* Exception Hardling is automated. second Level cache first level cache it is maintained it is maintained at sersion factorpleie at session level commit Transact - success Transaction Thread Safe: - code will work even ef many threads are executing it simultaneously Save():- it is used to stoke objects in d.B \* savec) only for insert necords \* \* Save or update () can either insert (3) update methods Session get () 3- It always hit the database and neturns neal objects Sersion load (); it always returns a proxy without hit DB) proxy is an object with the given identifier value, properties are not instantiated get it just look like temperory take objects

1- What is abstract class?

Abstract class is a days which contains you is more abstract functions

\* We can't create the obj for obstract days

abstract class text

Public void fun ()

S.O. p.In ("Welcome to Bg/r"); Public abstract void fun2();

it does not support multiple inheritence

it has final, non-final, stalic & non-static Variable

\* Abstract keypoold is used to declare abstract day

\* It an be extended by extends keyword

Interface: A method with out body and it contains only signatures - it contains only final variable & static variable

\* it has only abstract methods.

Support multiple Inheritance

\* inter implements keyword is used

P Type here to core We got create object to interfact Public interface MyTracface. EX! Public void funil); Rublic class implement ray Interface Public void funil) 11 implement body public abbard void for Diff the interface of abstract class interface Abstract class 6 Lookado esolata of doesn't contain D'Member Contains D.M. 11 11 Construct Contains only incomplete both incomps competie men member Can't pave access modifier Contains access modifi for subs, fundings by default everything is assumed as public properties members coun not be complete ment of Abst claim only static Stalic

4 What is diamond problem & explain with exp The diamond problem is an ambiguity that orainer. when two dance B and c interit from A, and dass's inherit from both B &c At method in D' calle a method defined in A 1 & about over ride the method) By chave overlieden that method differently . We need not to overide there methods. , BLZ Java doesnot supply 21.22 22. compile touse ( 26. 27. compile 28. Williams return ostring Example .\_ 30. 123 class B & P. V. foo() { -. 3 class c § p. v. foo () {- } class o extendible of new 0(). foo(); 31. comile 32. Hi B3. Comer Fad D

34. complete to the

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12. compile time 13. corrile 18. Jane 19. 20 hibye.

multiple inheritence

get dan

tach sode

madro

## Online Hotel Management System

\* project online HMS is a web based application that allows the HManeger 5 owner to handle all hotel activities online easily 3 safely.

x (when import hibernate from)

it asserts who said good of

\* We import criteria from org. hibarde. Criteria

\* session: provides crud interface for mapped days

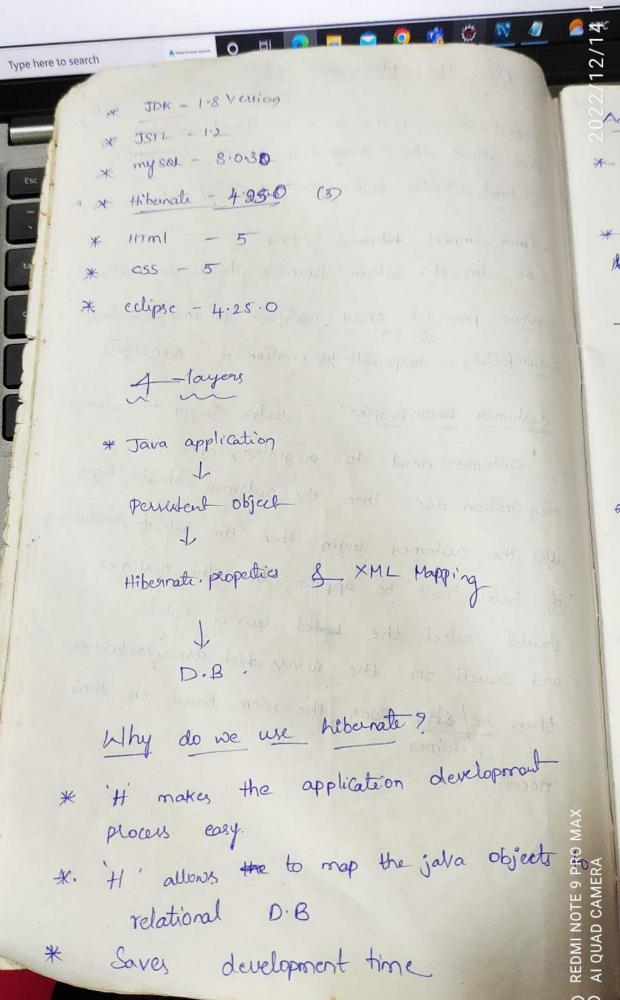
\* Session factory: - nesponsible to creation of session objects

page, tawtomen need to negister, once the negistration done then the automen should legin after the customen login then the list of Availability of hotels will be appear, then the automen should select the botel devired hotel.

should select the botel devired hotel.

and search to the rooms which ase available then he start Book the rooms baxed on their customen

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Advantages of EJB;

\* EUB howe remote access capabilities which enables clustering & data

\* EJB Simplifies the development of small of bage enterprise applications.

The Thanks Body start to postern

Acododing to current trending technolog.

If e without mobile phone is much difficult

whom a drays mobile has played significant role

in peoples life

\* it allows we to show the important megs with our

\* it allows we to show the important megs with our

\* with the help of mobile phone we can

transfer money with in seconds.

it saves lot of time usigniturel with the help of mobile we can

connect globally what is happening when what is happening when what is happening when what is happening which is happening what is happening which is happen

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