

3D HOUSE MODELING IN VIRTUAL REALITY

GROUP MEMBERS

ENROLLMENT NO.

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CLASS:- CE 5

USER_MASTER

FIELD	DATATYPE	CONSTRAINTS	DESCRIPTION
User_Id	Number(4)	Primary Key	User_id must be required
U_name	Varchar2(20)	Not null	User name is required
Password	Varchar2(10)	Not null	Login password is must be required
Firstname	Char(10)	Not null	Firstname of user
Lastname	Char(10)	Not null	Lastname of user
Email_id	Varchar2(40)	Unique	Email_id of User
Gender	Char(6)		Gender of user
Mobile_no	Number(10)	Unique	Contact Number of User
Device_id	Number(6)	Foreign key	Device_id from DEVICE_MASTER table

DEVICE_MASTER

FIELD	DATATYPE	CONSTRAINTS	DESCRIPTION
Device_id	Number(6)	Primary key	Device_id must be required
Device_brand	Char(20)		Brand name of device
Device_type	Varchar2(10)	Not null	Device type of user
Device_model	Varchar2(10)		Model no. of device
Device_iemi_no	Varchar2(10)		IEMI no. of device
Internet_type	Varchar2(10)		Type of internet used in device

Device_OS	Char(30)	Not null	OS used in device
GCM_id	Text		GCM(Google cloud messaging) id used

OBJECT_MASTER

FIELD	DATATYPE	CONSTRAINTS	DESCRIPTION
Obj_Id	Number(6)	Primary key	Obj_Id must be required
Obj_name	Varchar2(10)	Not null	Name of the object
Img_path	Varchar2(100)	Not null	Path of the image saved
Obj_Height	Number(4)	Not null	Height of the

			object
Obj_Width	Number(4)	Not null	Width of the object
Obj_depth	Number(4)	Not null	Depth of the object
Obj_remark	Text		Remarks

MODEL_MASTER

FIELD	DATATYPE	CONSTRAINTS	DESCRIPTION
ID	Number(6)	Primary key	Model_id must be required
User_Id	Number(6)	Foreign key	Id of user from user_master table
Created_on	Date		Date of creation
Created_by	NUMBER(6)	Foreign Key	ID FROM

			USER_MASTER TABLE
Modify_on	Date		Date of modification
Modify_by	NUMBER(6)	Foreign Key	ID FROM USER_MASTER TABLE
Mod_Name	Char(10)	Primary Key	Name of the model
Mod_description	Text		Description given of model

MODEL_DETAILS

FIELD	DATATYPE	CONSTRAINTS	DESCRIPTION
ID	NUMBER(6)	Primary Key	ID MUST BE REQUIRED
OBJ_ID	NUMBER(6)	Foreign Key	ID of object_

			master table
Mod_Id	Number(6)	Foreign key	Id of model from MODEL_MASTER table
Pos_x	Number(3)	Not null	X-axis of model
Pos_y	Number(3)	Not null	y-axis of model
Pos_z	Number(3)	Not null	z-axis of model
Height_y	Number(3)	Not null	Height of y-axis
Width_x	Number(3)	Not null	Width of x-axis
Depth_z	Number(3)	Not null	Depth of z-axis
Mod_Opacity	Number(3)	Not null	Transparency of model(0 OR 1)

COLOR_MASTER

FIELD	DATATYPE	CONSTRAINTS	DESCRIPTION
Col_Id	Number(6)	Primary Key	Id of the color must be

			required
Col_Name	Char(10)	Not null	Name of color
Hex_code	Varchar2(6)	Not null	Hexadecimal code for color

TYPE_MASTER

FIELD	DATATYPE	CONSTRAINTS	DESCRIPTION
Type_Id	Number(6)	Primary Key	Id must be required
Type_Name	Char(10)	Not null	Type of object
Type_remark	Char(500)		Remarks

PATTERN_MASTER

FIELD	DATATYPE	CONSTRAINTS	DESCRIPTION
Patn_Id	Number(6)	Primary Key	Pattern id must be required

Patn_Name	Char(10)	Not null	Pattern name
Patn_Img	Varchar2(100)	Not null	Image pattern path

TEXTURE_MASTER

FIELD	DATATYPE	CONSTRAINTS	DESCRIPTION
Tex_Id	Number(6)	Primary Key	Texture id must be required
Tex_Name	Char(10)	Not null	Texture name
Tex_Img	Varchar2(100)	Not null	Texture image path

NOTES_DES

FIELD	DATATYPE	CONSTRAINTS	DESCRIPTION
Note_Id	Number(6)	Primary Key	Id must be required

Note_Des	Char(40)		Description of the notes
Mod_Detail_Id	Number(6)	Foreign Key	Id of model from table MODEL_DETAILS

MODEL_DESIGN

FIELD	DATATYPE	CONSTRAINTS	DESCRIPTION
ID	NUMBER(6)	Primary Key	ID MUST BE REQUIRED.
Design_Id	Number(6)	Primary Key	Id must be required
Mod_Detail_Id	Number(6)	Foreign Key	Id of model from

			table MODEL_DETAILS
Side_No	Number(2)	Primary Key	Different sides of object
Col_Id	Number(6)	Foreign Key	Id from table COLOR_MASTER
Pat_Id	Number(6)	Foreign Key	Id from table PATTERN_MASTER
Tex_Id	Number(6)	Foreign Key	Id from table TEXTURE_MASTER
Type_Id	Number(6)	Foreign Key	Id of type from table TYPE_MASTER TYPE_ID