

CUSTOMER TABLE

COLUMN NAME	DATA TYPE	CONSTRAINTS
CUSTOMER ID	INT	PRIMARY KEY, AUTO INCREMENT
USER ID	INT	NOT NULL FOREIGN KEY
FIRST NAME	VARCHAR	NOT NULL
LAST NAME	VARCHAR	NOT NULL
PHONE NUMBER	VARCHAR	NOT NULL
ADDRESS	VARCHAR	NOT NULL
CITY	VARCHAR	NOT NULL
POSTAL CODE	VARCHAR	NOT NULL

CATEGORIES TABLE

COLUMN NAME	DATA TYPE	CONSTRAINTS
CATEGORY ID	INT	PRIMARY KEY, AUTO INCREMENT
NAME	VARCHAR	NOT NULL
DESCRIPTION	TEXT	NULL

SUB CATEGORIES

COLUMN NAME	DATA TYPE	CONSTRAINTS
SUB CATEGORY ID	INT	PRIMARY KEY, AUTO INCREMENT
CATEGORY ID	INT	NOT NULL, FOREIGN KEY
NAME	VARCHAR	NOT NULL
DESCRIPTION	TEXT	NULL

BATCHES

COLUMN NAME	DATA TYPE	CONSTRAINTS
BATCH ID	VARCHAR	PRIMARY
VENDOR ID	INT	NOT NULL, FOREIGN KEY
PRODUCT DATE	DATE	NOT NULL
QUANTITY	INT	NOT NULL

MATERIALS TABLE

COLUMN NAME	DATA TYPE	CONSTRAINTS
MATERIAL ID	INT	PRIMARY KEY, AUTO INCREMENT
NAME	VARCHAR	NOT NULL
CATEGORY ID	INT	NOT NULL, FOREIGN KEY
SUB CATEGORY ID	INT	NOT NULL, FOREIGN KEY
BATCH ID	INT	NOT NULL, FOREIGN KEY
IMAGE URL	VARCHAR	NOT NULL
PRICE PER METER	DECIMAL	NOT NULL
MATERIAL QUANTITY	INT	NOT NULL
STATUS	BOOLEAN	NOT NULL

PRODUCT TABLE

COLUMN NAME	DATA TYPE	CONSTRAINTS
PRODUCT ID	INT	PRIMARY KEY, AUTO INCREMENT
PRODUCT NAME	VARCHAR (100)	NOT NULL
CATEGORY ID	INT	NOT NULL
SUB CATEGORY ID	INT	NOT NULL
MATERIAL ID	INT	NOT NULL
BATCH ID	INT	NOT NULL
COLOR	VARCHAR	NOT NULL
PRIZE	DECIMAL	NOT NULL
SIZE	VARCHAR	NOT NULL
STOCK QUANTITY	INT	NOT NULL
IMAGE URL	VARCHAR	NOT NULL

VENDOR`S TABLE

COLUMN NAME	DATA TYPE	CONSTRAINTS
VENDOR ID	INT	PRIMARY KEY, AUTO INCREMENT
USER ID	INT	NOT NULL, FOREIGN KEY
BUSINESS NAME	VARCHAR	NOT NULL

ORDER TABLE

COLUMN NAME	DATA TYPE	CONSTRAINTS
ORDER ID	INT	PRIMARY KEY, AUTO INCREMENT
CUSTOMER ID	INT	NOT NULL, FOREIGN KEY
TOTAL PRICE	DECIMAL	NOT NULL
ORDER STATUS	0,1	NOT NULL

ORDER DETAILS

COLUMN NAME	DATA TYPE	CONSTRAINTS
ORDER DETAIL	INT	PRIMARY KEY, AUTO INCREMENT
ORDER ID	INT	NOT NULL, FOREIGN KEY
MATERIAL ID	INT	NOT NULL, FOREIGN KEY
PRODUCT ID	INT	NOT NULL, FOREIGN KEY

PAYMENTS

COLUMN NAME	DATA TYPE	CONSTRAINTS
PAYMENT ID	INT	PRIMARY KEY, AUTO INCREMENT
ORDER ID	INT	NOT NULL, FOREIGN KEY
AMOUNT	DECIMAL	NOT NULL
PAYMENT STATUS	0,1	NOT NULL

REVIEWS

COLUMN NAME	DATA TYPE	CONSTRAINTS
REVIEW ID	INT	PRIMARY KEY, AUTO INCREMENT
CUSTOMER ID	INT	NOT NULL, FOREIGN KEY
PRODUCT ID	INT	NOT NULL
RATING	INT	NOT NULL
REVIEW	TEXT	NULL