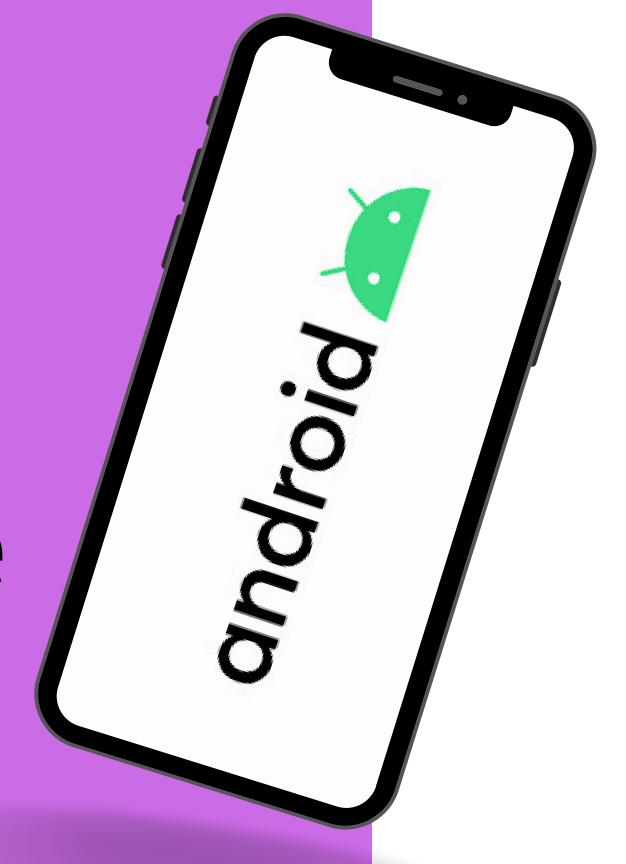
OOP FINAL PROJECT

Electric Vehicle Rental Software Development



bitbucket 雲端連結











Google Maps





PRIMARY KEY



FOREIGN KEY

		•
RentalHistory	INTEGER	CREATE TABLE RentalHistory (Date TEXT, Tot
Date	TEXT	"Date" TEXT
TotalAmount	REAL	"TotalAmount" REAL
StartLongitude	REAL	"StartLongitude" REAL NOT NULL
StartLatitude	REAL	"StartLatitude" REAL NOT NULL
■ EndLongitude	REAL	"EndLongitude" REAL NOT NULL
■ EndLatitude	REAL	"EndLatitude" REAL NOT NULL
Distance	REAL	"Distance" REAL
StartTime	TEXT	"StartTime" TEXT
■ EndTime	TEXT	"EndTime" TEXT
TotalTime	TEXT	"TotalTime" TEXT
ChargingCount	INTEGER	"ChargingCount" INTEGER
	INTEGER	"CouponUsed" INTEGER DEFAULT 0
LicensePlate	TEXT	"LicensePlate" TEXT
user email	TEXT	"user email" TEXT
✓ ■ Staff		CREATE TABLE Staff (password TEXT NOT NI
password	TEXT	"password" TEXT NOT NULL
phoneNumber	TEXT	"phoneNumber" TEXT UNIQUE
email	TEXT	"email" TEXT NOT NULL UNIQUE
name	TEXT	"name" TEXT
■ User		CREATE TABLE User (password TEXT NOT NI
password	TEXT	"password" TEXT NOT NULL
phoneNumber	TEXT	"phoneNumber" TEXT NOT NULL UNIQUE
email	TEXT	"email" TEXT NOT NULL UNIQUE
name	TEXT	"name" TEXT NOT NULL
creditCardInfo_id	INTEGER	"creditCardInfo_id" INTEGER UNIQUE
couponCount	INTEGER	"couponCount" INTEGER DEFAULT 0
creditCardInfo		CREATE TABLE creditCardInfo (creditCardInfo_i
creditCardInfo_id	INTEGER	"creditCardInfo_id" INTEGER NOT NULL
ExpiryDate	TEXT	"ExpiryDate" TEXT
creditCardNumber	TEXT	"creditCardNumber" TEXT UNIQUE
Cvv	TEXT	"Cvv" TEXT





名稱	類型	架構
▼ ■	1	
✓ ▲ AvailableVehicles		CREATE TABLE Available Vehicles (no TEXT PRIMARY KEY,
no	TEXT	"no" TEXT
power	INTEGER	"power" INTEGER NOT NULL
lat	REAL	"lat" REAL NOT NULL
lng	REAL	"lng" REAL NOT NULL
✓		CREATE TABLE ChargingPiles (PileID INTEGER PRIMARY KI
▶ PileID	INTEGER	"PileID" INTEGER
StationID	INTEGER	"StationID" INTEGER
Status	TEXT	"Status" TEXT
✓		CREATE TABLE ChargingStations (no INTEGER PRIMARY KE
no	INTEGER	"no" INTEGER
lat	REAL	"lat" REAL NOT NULL
lng	REAL	"lng" REAL NOT NULL
✓ ■ Coupon		CREATE TABLE Coupon (id INTEGER PRIMARY KEY NOT N
id id	INTEGER	"id" INTEGER NOT NULL
isUsed	INTEGER	"isUsed" INTEGER DEFAULT 0
➤ FaultyVehicles		CREATE TABLE FaultyVehicles (no TEXT PRIMARY KEY, lat)
no	TEXT	"no" TEXT
lat	REAL	"lat" REAL NOT NULL
lng	REAL	"lng" REAL NOT NULL
Status	TEXT	"Status" TEXT
power	INTEGER	"power" INTEGER CHECK("power" >= 0 AND "power" <= 100)

- ✓ com.carrentalplatform
 - > controller
 - > 🖿 Coupon
 - > 🖿 dao
 - > **a** exceptions
 - > 🖿 History
 - > **model**
 - > service
 - OatabaseHelper
 - Internal Activity
 - SettingActivity
 - SettingDatabaseHelper
 - StartActivity
 - StartDatabaseHelper

controller ChargingStationController RentalController UserController VehicleController Coupon Coupon 🕝 CouponActivity CouponAdapter CouponDatabaseHelper 🗸 🖿 dao ChargingStationDao RentalRecordDao UserDao VehicleDao exceptions Charging Exception RentalException

History History HistoryActivity HistoryAdapter History Database Helper model ChargingStation CreditCardInfo RentalRecord User Vehicle VehicleMovement service DatabaseHelper InternalActivity SettingActivity

SettingDatabaseHelper

StartDatabaseHelper

StartActivity

OOP FINAL PROJECT

NTU BLOG

<u>bitbucket</u>



3 Part

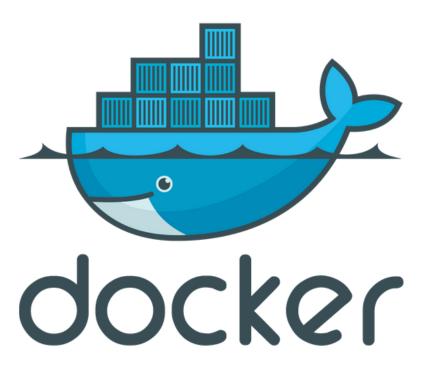


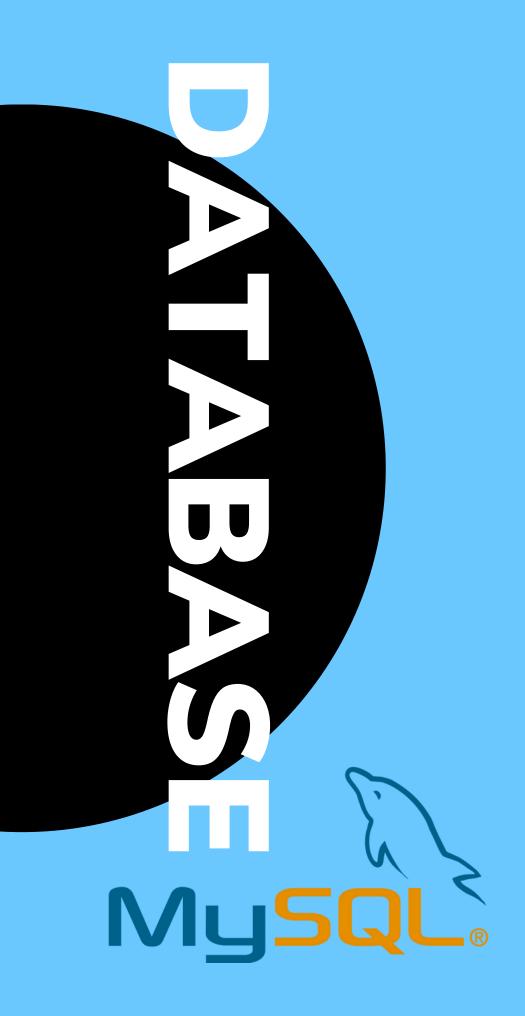


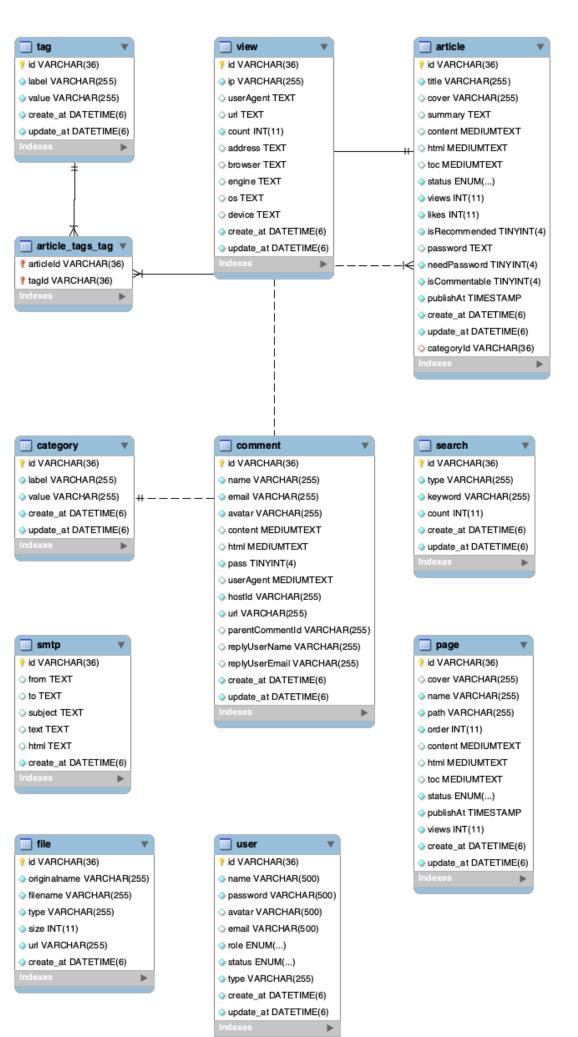












setting

systemUrl TEXT

systemTitle TEXT

systemLogo TEXT

systemFavicon TEXT

systemFooterInfo TEXT

admin SystemUrl TEXT

baidu Analytics Id TEXT

googleAnalyticsId TEXT

seoKeyword TEXT

seoDesc TEXT

smtpHost TEXT

smtpPort TEXT

smtpUser TEXT

⇒ smtpPass TEXT
⇒ smtpFromUser TEXT
⇒ create_at DATETIME(6)
⇒ update_at DATETIME(6)

knowledge

order INT(11)

id VARCHAR(36)

parentld VARCHAR(255)

title VARCHAR(255)

summary TEXT

cover VARCHAR(255)

content MEDIUMTEXT

isCommentable TINYINT(4)

publishAt TIMESTAMP

create_at DATETIME(6)

update_at DATETIME(6)

html MEDIUMTEXT
toc MEDIUMTEXT

status ENUM(...)

views INT(11)

likes INT(11)

oss TEXT

systemBg TEXT

