

External Schema(views)

Web Browser

: HTML
+IPC

Instructor Veiw

+Query
*Excel

Admin Veiw

+SQL
*Excel

Mobile

-Windows Version : C#
-Android Version : Java
-IPhone Version : Obj-C

Student Veiw

+Query
*KiMac App



Conceptual Schema



STUDENT

NAME | ADDRESS | PHONE | EMAIL | AGE | S_ID

INSTRUCTOR

NAME | ADDRESS | PHONE | EMAIL | INSTR_ID

SCHOOL

NAME | ADDRESS | SCH_ID | INSTR_ID

ATTN_RECORD

HOUR_% | TOTAL_HOURS | SCH_ID | S_ID

QUICK_RESPONSE

QR_CODE | DATE | SCH_ID

ADMIN

USR_NAME | PASSWORD | EMAIL

S_ACCOUNT

USR_NAME | PASSWORD | S_ID

REG_CODE

CODE | S_ID

FACEBOOK_APP_ID

FBOOK_ID | S_ID



Internal Schema(physical)

SERVER: <KI_MARTIAL_SERVER>
Company: Ki Martial Arts Centers
Service: Oracle SQL
Paths: <http://www.kimartialart.com/>
192.256.0.14/4444

Data Types:	STUDENT	Type=struct(256)
	INSTRUCTOR	Type=struct(256)
	SCHOOL	Type=struct(256)
	ATTN_RECORD	Type=struct(256)
	FACBOOK_APP_ID	Type=struct(256)
	QUICK_RESPONSE	Type=struct(256)
	REG_CODE	Type=struct(256)
	ADMIN	Type=struct(256)
	S_ACCOUNT	Type=struct(256)