

Table: Address		
Column	Data type	Constraints
Streetname	TEXT	
Postal code	string	
House#	string	

Table: MQTT settings		
Column	Data type	Constraints
MQTT_SERVER	string	
MQTT_USERNAME	string	
MQTT_PASSWORD	string	
MQTT_PORT	string	
SENSOR_DATA_TOPIC	string	

Table: sensors		
Column	Data type	Constraints
temperature	float	
humidity	float	
lid_position	number	

Table: settings		
Column	Data type	Constraints
CLIENT_NAME	string	
WiFi settings	string	•REFERENCES "WiFi settings" (SSID)
MQTT settings		•REFERENCES "MQTT settings" (MQTT_SERVER)

Table: TestPerson		
Column	Data type	Constraints
ID#		•PRIMARY KEY

<i>Surname</i>	<i>TEXT</i>	
<i>Birthyear</i>	<i>NUMERIC</i>	
<i>#ofroommates</i>	<i>INTEGER</i>	
<i>Adress</i>	<i>string</i>	• <i>REFERENCES Adress (Streetname)</i>

Table: WasteBin		
<i>Column</i>	<i>Data type</i>	<i>Constraints</i>
<i>MACADRES S</i>		• <i>PRIMARY KEY</i>
<i>settings</i>		• <i>REFERENCES settings (CLIENT_NAME)</i>
<i>sensors</i>		• <i>REFERENCES sensors (temperature)</i>

Table: WiFi settings		
<i>Column</i>	<i>Data type</i>	<i>Constraints</i>
<i>SSID</i>	<i>string</i>	
<i>PASSWORD</i>	<i>string</i>	

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