

App Client X

Websocketserver

Web Client

login

message object

t: i	char(1)
a: apikey	char(64)
c: validate key	bool

logout

message object

t: o	char(1)
p: pin (sha256)	char(64)

measurement in

message object

t: m	char(1)
a: acceleration	float
r: rotation	float
tp: temperature	float
b: battery	byte

response

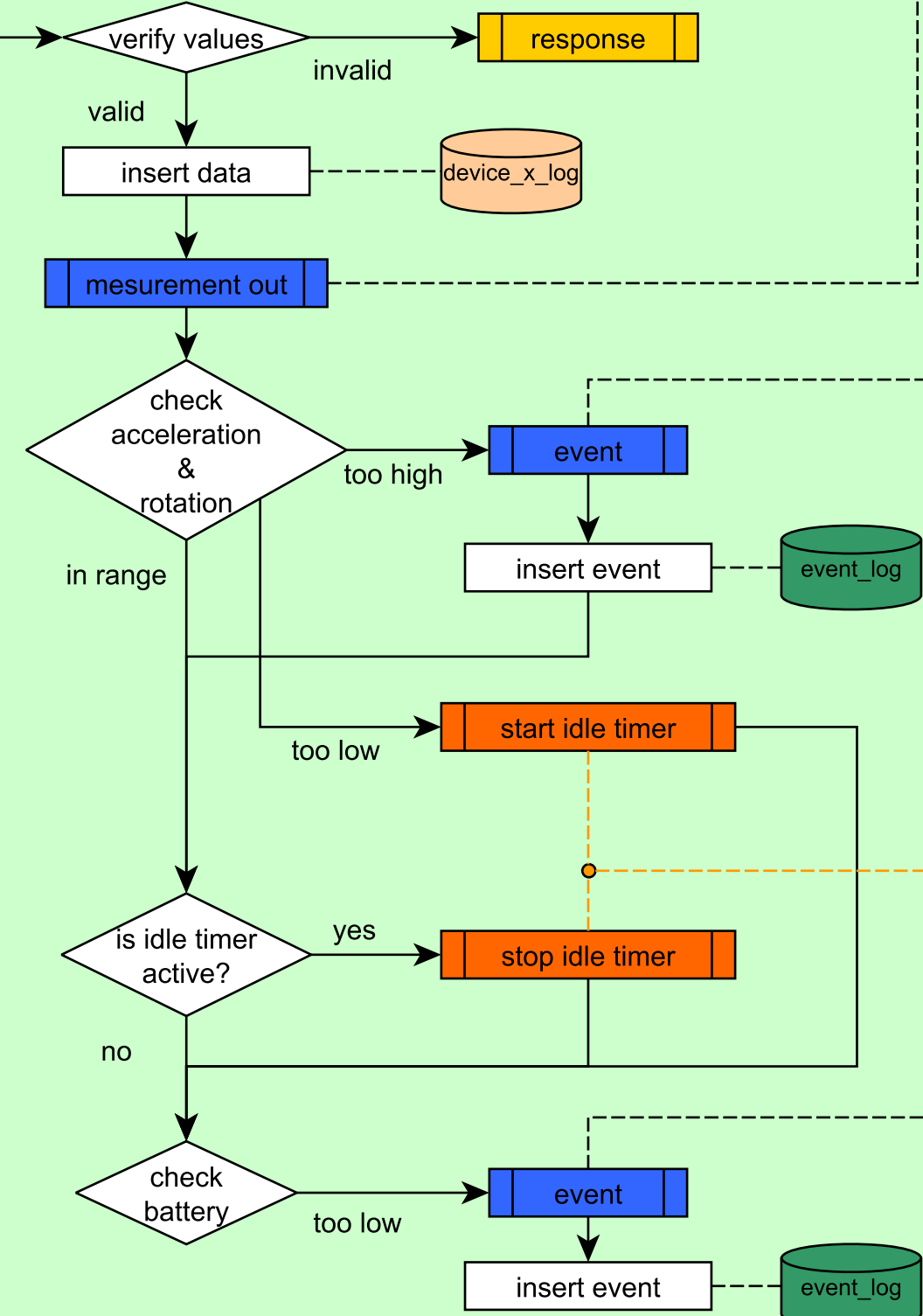
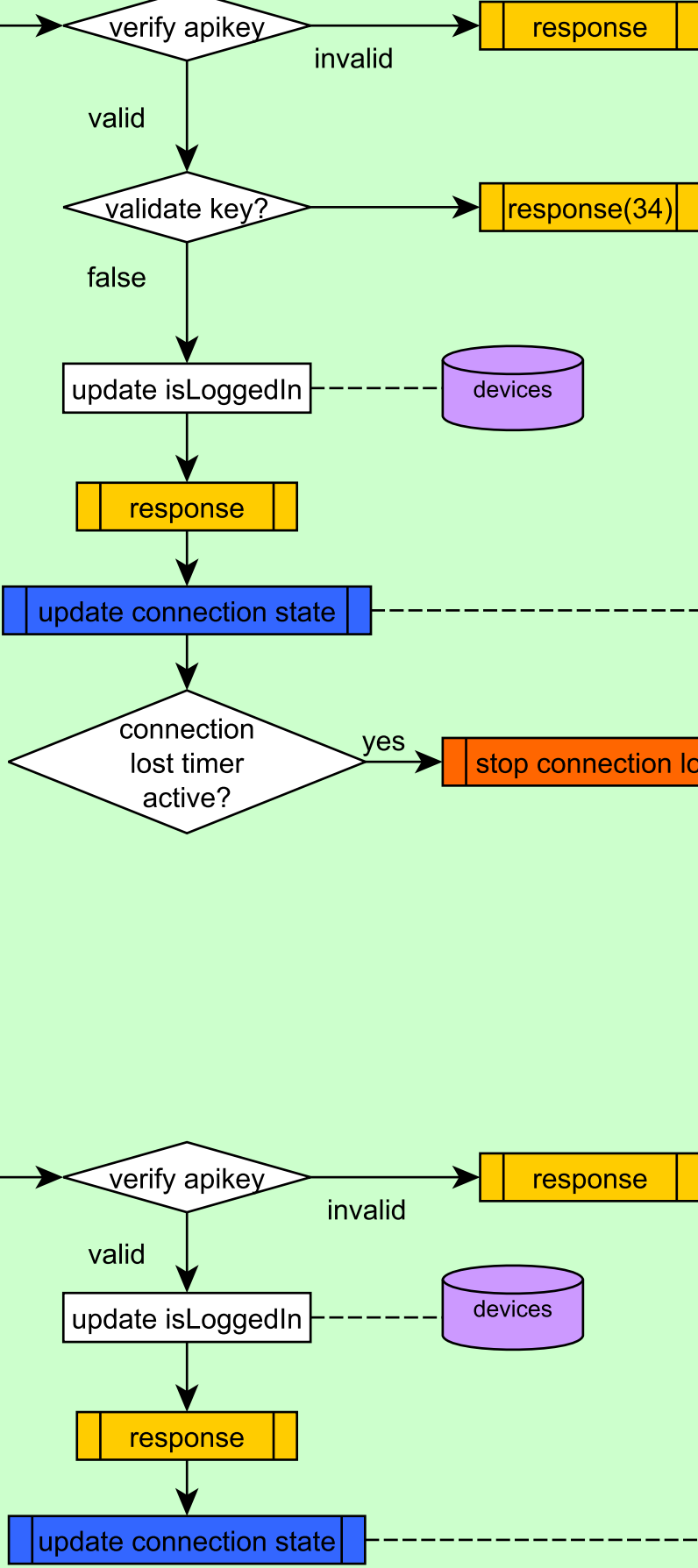
message object

t: r	char(1)
i: response id	byte

settings out

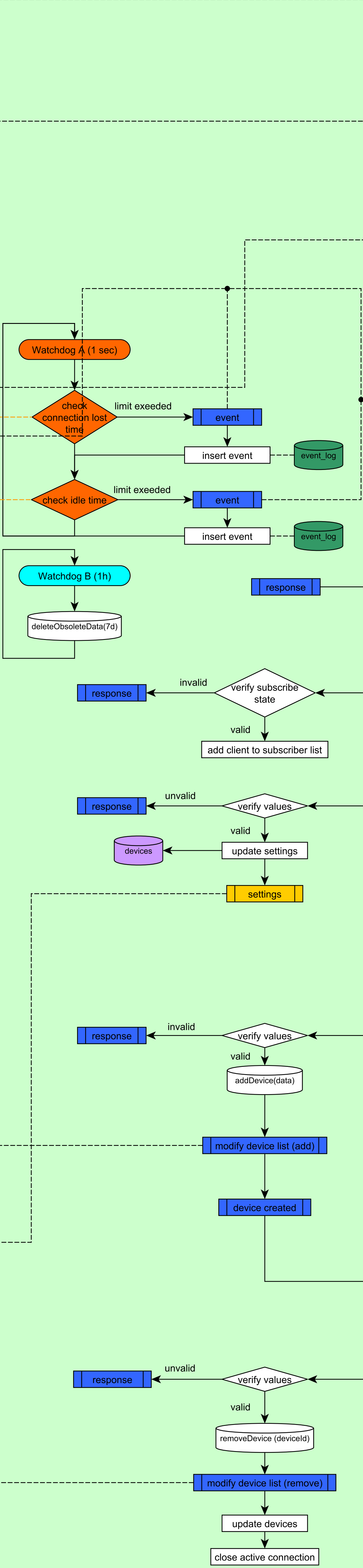
message object

t: s	char(1)
it: idle timeout	int
b: battery warning	byte
c: connection timeout	int
m: measurement interval	int
ai: acceleration min	float
a: acceleration max	float
ri: rotation min	float
r: rotation max	float



send message

send message



send message

send message

send message

send message

send message

invalid

unvalid

invalid

unvalid

update device list

message object

t: ud	char(1)
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update connection state

message object

t: uc	char(1)
i: device id	int
c: connected	bool

measurement out

message object

t: M	char(1)
i: device id	int
a: acceleration	float
r: rotation	float
tp: temperature	float
b: battery	byte

events

message object

t: e	char(1)
i: device id	int
e: event id	byte

Global Messages
(send to every web client)

response

message object

t: r	char(1)
i: response id	byte

subscribe

message object

t: a	char(1)
s: sub/unsub	bool

settings in

message object

t: S	char(1)
i: device id	int
it: idle timeout	int
b: battery warning	byte
c: connection timeout	int
m: measurement interval	int
ai: acceleration min	float
a: acceleration max	float
ri: rotation min	float
r: rotation max	float

add device

message object

t: A	char(1)
e: employee	char(16)
p: pin (in sha256)	char(64)
it: idle timeout	int
b: battery warning	byte
c: connection timeout	int
m: measurement interval	int
ai: acceleration min	float
a: acceleration max	float
ri: rotation min	float
r: rotation max	float

device created

message object

t: k	char(1)
a: apikey	char(64)

remove device

message object

t: R	char(1)
i: device id	int

	Msgagetype
	MessageData