iOS HS6 SDK Document

1. Relevant file and Frameworks Configuration

1) Need to import HS6 SDK including:
HS6User.h、iHealthHS6.h、HS6Library (x.x.x).a (Supports iOS 6.0 and above)

2) Frameworks

Name	Status
ExternalAccessory.framework	Required
Accelerate.framework	Required
HS6Library(1.0.2).a	Required
SystemConfiguration.framework	Required
Foundation.framework	Required
UIKit.framework	Required

2. Operation Procedure

1) Set Wifi for HS6
If set Wifi success, the Wifi symbol will become stable.

2) Link User and HS6
If link success, the data of HS6 will upload to cloud automatically, then you can download the data of user from cloud.

3) Unlink User and HS6 if needed
If unlink success, the data of HS6 will not upload to cloud.

3. Interface Instructions

1) Set HS6 Wifi
-(void)commandSetHS6WithPassWord:(NSString*)password
disposeHS6SuccessBlock:(DisposeHS6SuccessBlock)disposeHS6SuccessBlock
disposeHS6FailBlock:(DisposeHS6FailBlock)disposeHS6FailBlock
disposeHS6EndBlock:(DisposeHS6EndBlock)disposeHS6EndBlock
disposeHS6ErrorBlock:(DisposeHS6ErrorBlock)disposeHS6ErrorBlock;

Import Parameters:
password: Wifi password.

Return Parameters:

disposeHS6SuccessBlock: link success

disposeHS6FailBlock:user link failed
disposeHS6EndBlock: end set
disposeHS6ErrorBlock: error code
Error code definition：
refer to "error" : HS6 error instruction.

(2) Link HS6

-(void)cloudCommandUserBinedQRDeviceWithUser:(HS6User *)tempUser
deviceID:(NSString *)tempDeviceID
BlockHS6UserAuthentication:(BlockHS6UserAuthentication)BlockHS6UserAuthentication
binedResult:(BinedQRDeviceBlock)result binedError:(BinedQRDeviceErrorBlock)error;

Import parameter:

tempUser: Properties included: clientID，clientSecret，userID，height.

deviceID: device Mac. Scan the QR code to get the full Mac ID.

clientID & clientSecret: the only identification for users of the SDK, requires registration from iHealth administrator, please email: lvjincan@ihealthlabs.com.cn.com for more information.

Return parameters:

BlockHS6UserAuthentication: The return parameters of ''userid', 'height', 'clientID', and 'clientSecret' after verification

The interpretation for the verification:

HS6UserAuthen_RegisterSuccess: New-user registration succeeded.

HS6UserAuthen_LoginSuccess: User login succeeded.

HS6UserAuthen_CombinedSuccess: The user is an iHealth user as well, measurement via SDK has been activated, and the data from the measurement belongs to the user.

HS6UserAuthen_TrySuccess: Testing without internet connection succeeded.

HS6UserAuthen_InvalidateUserInfo: Userid/clientID/clientSecret verification failed.

HS6UserAuthen_SDKInvalidateRight: SDK has not been authorized.

HS6UserAuthen_UserInvalidateRight: User has not been authorized.

HS6UserAuthen_InternetError: Internet error, verification failed.

The measurement via SDK will be operated in the case of 1-4, and will be terminated if any of 5-8 occurs. The interface needs to be re-called after analyzing the return parameters.

Notice: when a new user registers via SDK, an 'iHealth disclaimer' will pop up automatically, and will require the user to agree in order to continue. SDK applications require an Internet connection; there is 10-day trial period if the SDK cannot connect to the internet, the SDK is fully functional during tryout period, but will be terminated without a working internet connection after 10 days.

binedResult: Action = 1;(1:bind sucess 2：full user bind faild 3,:ts error bind faild 4 other),MAC

Position = 1;（user in weight number）
Status = 1;（1:binding 2：unbind）
TS (time);
binedError: error code
Error code definition：
refer to "error" : HS6 error instruction.

(3) Unlink HS6

-(void)cloudCommandUserBinedQRDeviceWithUser:(HS6User *)tempUser
deviceID:(NSString *)tempDeviceID
BlockHS6UserAuthentication:(BlockHS6UserAuthentication)BlockHS6UserAuthenticatio
n binedResult:(BinedQRDeviceBlock)result
binedError:(BinedQRDeviceErrorBlock)error;

Import parameter:
tempUser: Properties included: clientID，clientSecret，userID，height.
deviceID: device Mac
Return parameters:
disBinedResult: Action = 1;(1:bind sucess 2：full user bind faild 3,:ts error bind faild 4 other),MAC
Status = 1;（1:binding 2：unbind）
disBinedError: error code
Error code definition：
refer to "error" : HS6 error instruction.

4. Error code instruction

error code:
7: User verify error
101,102,103,104: network error