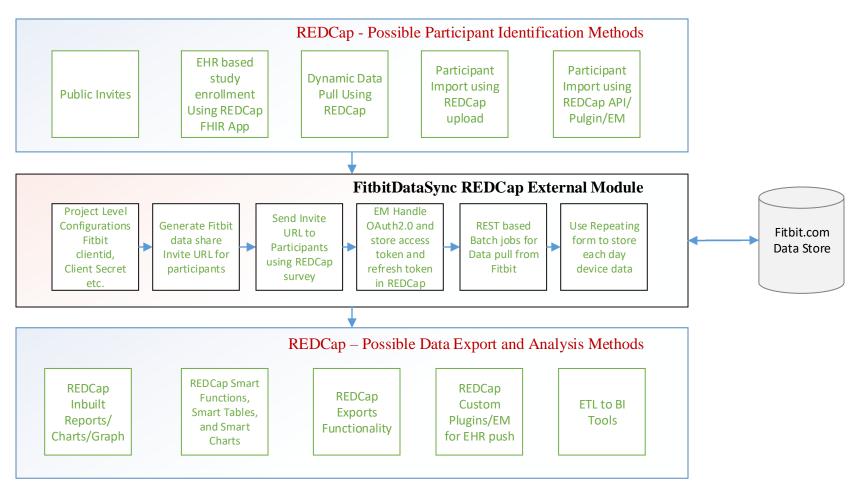
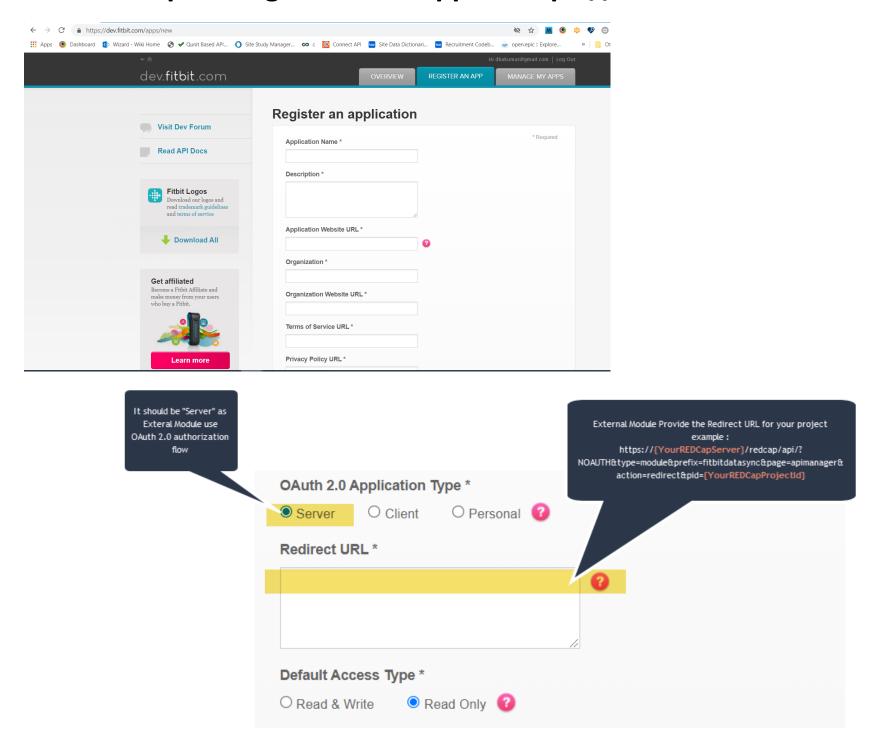


### Personal Health Device Integration Approach with REDCap

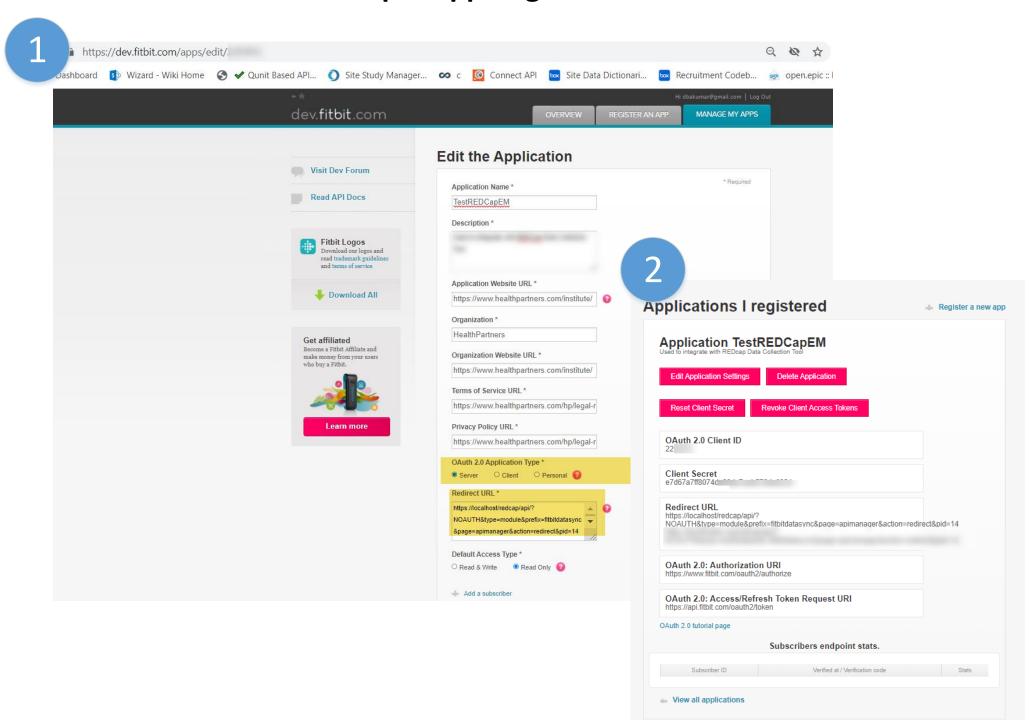


Project team contact: vijayakumar.x.thirumalai@healthpartners.com

## Step 1: Register Your App at https://dev.fitbit.com



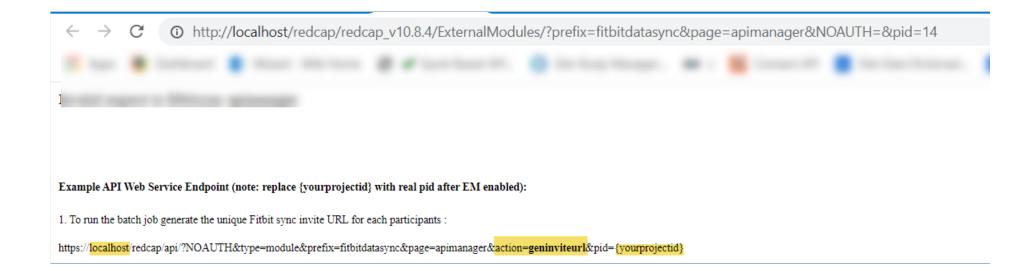
### **Example App Registration**



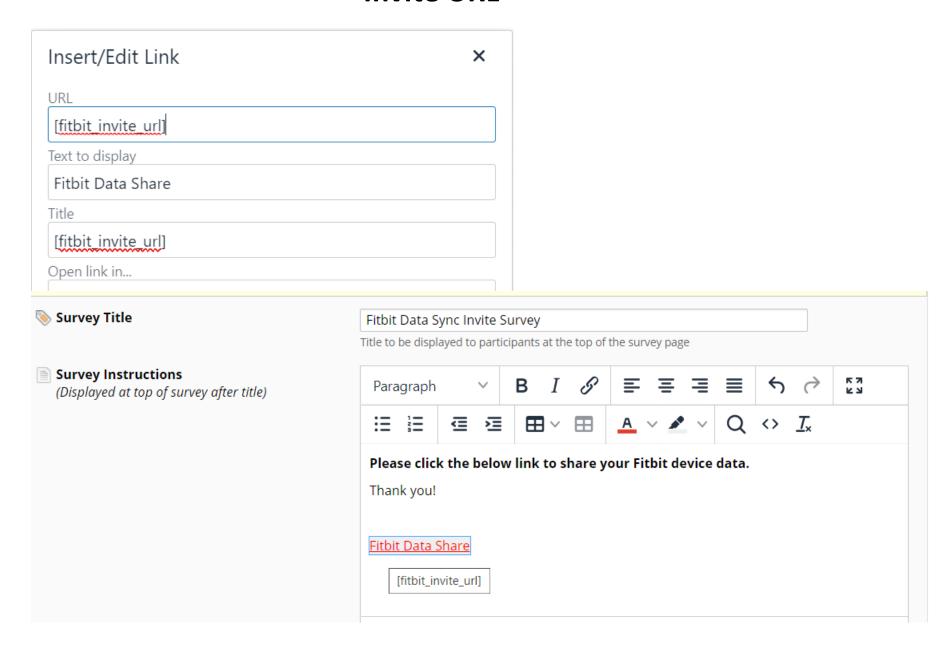
## Step 2: Configure FitbitDataSync EM at Project Level

Available Modules X Search available modules FitbitDataSync - v1.0.0 Enable This external module facilitates fitbit device data collection from study participants Configure Module: FitbitDataSync × Project: FitbitDataSync Settings Values fitbit-client-id: 229 \* must provide value fitbit-client-secret: e7d67 \* must provide value fitbit-auth-url: https://www.fitbit.com/oauth2/authorize \* must provide value fitbit-token-url: https://api.fitbit.com/oauth2/token \* must provide value fitbit-redirect-url: https://localhost/redcap/api/?NOAUTH&t \* must provide value fitbit-scope - space seperated value (activity heartrate location nutrition profile settings sleep social weight) - For now 'sleep' sleep only EM supported scope for data pull: \* must provide value fitbit-salt key which is used to encrypt record id and handle CSRF production: fbgwertasdghwq242234234 Save Cancel

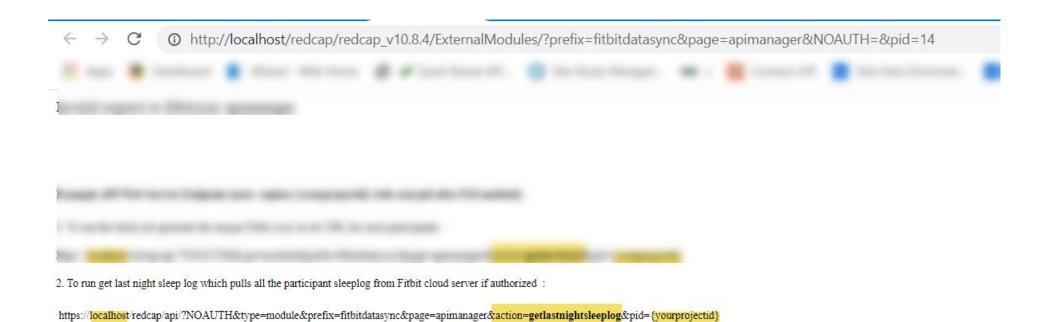
## Step 3: Run FitbitDataSync Batch Jobs to Generate Device Data Share Invite URL for Participants



# Step 4 : Send Email/Text to Participant with Device Data Share Invite URL



# Step 5: Run FitbitDataSync Batch Job everyday to get last night sleep log of the participants



## **Example Data Retrieved from Fitbit Device**

#### Record ID 1



### Repeating Instruments



Current instance: **( )** 2 − 2021-09-15 ♥

