MotionTronic Worker Service

Notes

* RunId (Guid) - Id of each individual request => for interconnecting with logs in each application
* SessionId (Guid) - Id of the entire capturing session

Http Endpoints

* **/Command** POST
  + Execute specified command
  + Commands:
    - StartRecorder
      * Properties
        + PatientId (Guid)
        + Fps (Short)
    - StopRecorder
    - StartCalibrateCamera
    - StopCalibrateCamera
  + Input parameters
    - RunId (Guid)
  + Input body
    - Json with command name and relevant properties
    - Structure:
      * {  
         “Name”: “CommandName”,  
         “Properties”: {  
         “Property1”: “value”,  
         “Property2”: “value”  
         }  
        }
  + Output
    - Specific for each command
    - Commands:
      * StartRecorder
        + SessionId
      * StopRecorder
* **/GetLatestCalculations** GET
  + Get data calculated from the latest captured image by session Id
  + Can include depth photo, joints positions (with speed of each joint) and distances between joints
  + Input parameters
    - SessionId (Guid)
    - RunId (Guid)
    - WithImage (Bool)
    - WithPositions (Bool)
    - WithDistances (Bool)
  + Output
    - Json containing all the calculations done on latest image with possibility to include all joints positions, distances between them and depth image
* **/GetSessionCalculations** GET
  + Get all the data calculated from the images captured in the session by file name
  + Input parameters
    - FileName (string)
    - PatientId (Guid)
    - RunId (Guid)
    - WithPositions (Bool)
    - WithDistances (Bool)
  + Output
    - Json containing calculations done on all images in the session
* **/DownloadCalculationsBinary** GET
  + Download compressed .dat file with data calculated from the images captured in the session by file name
  + Can include joints positions (with speed of each joint) and distances between joints
  + Input parameters
    - FileName (string)
    - PatientId (Guid)
    - RunId (Guid)
    - WithPositions (Bool)
    - WithDistances (Bool)
  + Output
    - {patientId}\_yyyy-MM-dd\_HH-mm-ss.dat compressed binary file containing calculations done on all images in the session
* **/GetPatientCalculationsList** GET
  + Get list of metadata of the calculations relevant to a patient
  + Input parameters
    - RunId (Guid)
    - PatientId (Guid)
    - PageNumber (Int)
    - RecordsPerPage (Int)
  + Output
    - Json with metadata of the calculations relevant to a patient
      * FileName (string) - with extension
      * Size (long) - in Bytes
      * CreationTime (DateTime)
* **/DeleteCalculations** DELETE
* **/DeletePositions** DELETE
* **/DeleteDistances** DELETE