Software Release Report- DataServices (Android) – PI-17.1.1

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Document History** | | | | |
| **Version** | **Date** | **Author** | **Section** | **Changes** |
| 1.0.0 | 12/02/2016 | Spoorti Hallur | All | Release version 1.0.0 |
| 1.1.0 | 12/20/2016 | Spoorti Hallur | All | Release version 1.0.1 |

|  |  |  |  |
| --- | --- | --- | --- |
| Administrative Information | | | |
| Project Name | CoCo Data Services | Project Identification | NA |
| Scrum Master | Mahabaleshwara Adiga | Date | 20/12/2016 |
| Quality Leader | Vinay Nair | Form Filled by | Spoorti Hallur |
| Name  Address  Phone  Fax | All Projects in CDP2 | | |

|  |  |
| --- | --- |
| **Authorization** | |
| Quality Leader Signature | Scrum Master Signature |
| Sudhir Kumar | Mahabaleshwara Adiga |

**For Code:**

**Product : Data-Services**

**Release Version :** **v1.1.0 (Android)**

**Release Date: 20-Dec-2016**

User manual (Optional): NA Customer Version ID (Optional): NA

# **Release Description**

# The intention of this release (PI- 17.1.1 candidate) is to integrate the Data-Services component with the Vertical, to access the below features mentioned (refer to the major features section). This release is intended for the End User in Production Environment.

* Release has been done via Artifactory and link for the component is [here](http://maartens-mini.ddns.htc.nl.philips.com:8081/artifactory/webapp/browserepo.html?3).

# **System Requirements / Configuration**

Android Phones with OS version: 4.4 and above.

Other Libraries and frameworks:

* PhilipsUIKit (>= 3.1.0)
* Android Appcompat V7:23.1.1
* Android Support library V4:23.1.1
* Android Support Design 23.1.1
* Philips Registration 8.1.0-SNAPSHOT
* AppInfra 1.3.0-SNAPSHOT
* Gson 2.4
* Ormlite 4.48
* eventBus 2.4.0
* jodaTime 2.9.2
* daggerVer 2.0.2
* stethoVer 1.3.1
* retrofitVer 1.9.0

Data Core API version used - 9

# **Installation and integration**

Download the Data-Services Library from Artifactory and add to your project.

# Please refer Integration guide for more details

# **Pre-Requisite**

* The user should have registered already using User registration component to access the Data-Services component.

# **Major Features for PI-17.1.1 release**

### **Moment Synchronization**

A key aspect of data storage within DataCore is the concept of Moments. Moments describe a set of measurements that are part of the user input to the system. A Moment is expressed as a JSON format text string.

* MeasurementGroup is supported
* Adding a Moment
* Updating a Moment
* Deleing a Moment
* Fetching Moment
* Saving Moment
* Syncing Moments between various devices and server
* Offline support for moment synchronization
* Data storage for Moments in Local Database

### **Consents**

A user consent, using which data core sends the consented data to HSDP.

* Adding Consent
* Deleting Consent
* Fetching Consent
* Saving Consent
* Syncing Consents between various devices and server
* Offline support for Consents
* Data Storage for consents in Local Database

# **Environment Support for Data-Core**

Below are the Environment and sync space URLs for testing Data-Core APIs

|  |  |  |  |
| --- | --- | --- | --- |
| **Environment** | **Url** | **App Name** |  |
| STAGING | https://healthysleep-ds-development.eu-west.philips-healthsuite.com | HealthySleepSolutions |  |

# **Limitations**

* NA

# **Fixed Defects**

* DE13349: [ANDROID] Application crashed in the below usecase
* DE13472: [ANDROID] Memleak in HomeActivity: staticcom.philips.cdp.di.iap.utils. Utility.mProgressDialog
* DE13831: [DS/ANDROID] Memleak in GC ROOT static com.philips.platform.core.trackers.DataServicesManager.mDataServicesManager
* DE13836: [IAP/ANDROID] Memleak in GC ROOT com.android.volley.CacheDispatcher.
* DE13928: [DS/ANDROID] Memleak in GC ROOT static com.philips.platform.core.trackers.DataServicesManager.sDataServicesManager
* DE14082: Reference app hangs when setting up consent
* DE14081: DataSync moment values are still displayed eventhough there is no user login

# **Known Bugs and Workarounds**

* DE13962: [DS/Android] Temperaturae field is not displayed as numeric when 20 digits are entered
* DE14343: [Android] Blank screen observed for 6-8 seconds on data sync screen on minimise/maximise app

### **Error Handling**

* Error messages coming from Data-Core are given to Application as the Exception. It’s up to vertical propositions as to how they handle. Currently, in the Demo-App, a toast message is shown by extracting the error message from Exception.