

DCS Codex Mobile App

Program Design Language

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Revision Control

History Revision:

<i>Revision Date</i>	<i>Person Responsible</i>	<i>Version Number</i>	<i>Modification</i>
11/28/17	Ian Valencia	1.0	Initial Document

Control Class: SyncControl

Program Specification (Method): Sync

Input:

Source-table – source table of data that is locally saved in the device where the app is installed

Output:

Updated source table where requested events are removed and rejected events are added

Program Logic:

DO

 READ next Requested-event-record

 ADD Requested-event-record from Source-table to PendingEvent

UNTIL End-of-file

DO

 FIND next Pending-event-record

 if Status from Pending-event-record == "Rejected"

 ADD Pending-event-record from PendingEvent to Source-table

 DELETE Pending-event-record from PendingEvent

UNTIL End-of-file