

DCS Codex Mobile App

Program Design Language

Submitted to:

Asst. Prof. Ma. Rowena C. Solamo
Faculty Member
Department of Computer Science
College of Engineering
University of the Philippines, Diliman

Submitted by:

Borja, Kim
Pilipiña, Jigger Angelo
Valencia, Ian Benedict

In partial fulfillment of Academic Requirements
for the course
CS 191 Software Engineering I
of the
1st Semester, AY 2016-2017

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