



FHI web based application



Child Development Program - World Link

Online data transfer via XML

Running in 18 countries

Supports different languages

Designed for windows platform

Integrated e-mail facilities

Custom control for user & administrator

Different levels of security system

User-friendly query facilities

Online help

Menu driven control



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About CDPWL: Food for the Hungry International (FHI) is working for the welfare of children of developing countries all over the world. CDP is one of the successful programs of FHI. The program finds sponsors for the projects children from developed countries. FHI is acting as a media/communicator between children of developing countries and sponsors of developed countries that provide the funding for the social welfare of the children in Child Development Project.

To provide an improved communication link between FHI field centers administrating CDP and National Organizations (NOs) where children sponsors live IBCS-PRIMAX has developed a web based application called CDPWL using Oracle database as the central database of CDP data and a combination of JavaScript, Java, DHTML and XML are used as the application program. The CDPWL conform greater accuracy in maintaining children and associated sponsor information, thus providing a more reliable channel between a sponsor and a child.

The primary task of the CDPWL is to manage CDP field information, which is stored in CDPWL using Personal Oracle 8i database. Since Field Centers (FC) do not work in isolation, CDPWL also provides a means by which centers can communicate and verify/acknowledge correspondence/messages with NOs. Since the majority of NO and FC communication use formal and informal lists via email attachments or through paper documents, CDPWL uses these approach but in a structure manure via XML documents. These XML documents are automatically generated within CDPWL and can be sent to a NO through the internet. Lists such as children drop list or new children entering the CDP can be sent by a FC to an NO in XML format. In addition NO can also send XML messages to FC listing new sponsors or sponsors who have left the CDP or the acknowledgement of FC messages with the help of CDPWL NO Simulation System. All XML messages are verified at both NO and FC before the CDPWL database reflects the contents of the XML message. This ensures that both the NO and FC maintain the same child and sponsor related information.

CDPWL operation using the software and descriptions of some of the major modules are described below:

- a) System Setup Module:** This module contains some entry screen where the administrator of this software can define and input all the codes and descriptions, which will be used throughout the software.
- b) Summery Page:** This page supplies the user with an overview or summary count of the current working position of a Field Country with respect to their own pending actions with relation to NOs.
- c) Correspondence:** There are two phases to complete a correspondence between a FC and an N.O. The FC (or N.O.) initiates a new correspondence in the first phase and the NO (or FC) replies back the acknowledgement to the FC (or NO) in the second phase.

From FC side: This module can send and receive the XML message through the Internet directly, verify the message and update the database.

From NO side: This module can read the FC XML messages and send the acknowledgement automatically to the FC directly through Internet. It also creates and sends new XML messages.

- d) Text Color:** CDPWL is using 4 colored text (red, light green, purple, black) to separate the different types of correspondences and messages status.
- e) Make List:** This module can make different types of reports for printing purpose. The font, font size, label width and other print criteria are customizable in this report.
- f) Administrative Tasks:** Different types of administrative work like Database Administration, Regenerate XML messages, Open/Close Field Centers etc. are restricted for the Administrator of CDPWL.

System Requirements:

The CDPWL software has been developed to run in a standalone IBM compatible machine that has Internet connectivity or from a central server in a LAN using Microsoft Personal Web Server 3.0. The user interface of the software resides on Microsoft Internet Explorer 5.0 or higher. The system uses Personal Oracle 8i as the field country central database to which CDPWL connects using a JDBC thin driver (provided by Oracle Corporation). JRE is required for every functionality and database connectivity, which may be installed from JDK1.3.

For further details please contact with IBCS-PRIMAX Software (BD) Ltd. with your requirements. You can also visit our web-site: <http://www.ibcs-primax.com> to see the demonstration of this software.

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