**Application Details**

The CardDemo is a Credit Card management application, built primarily using COBOL programming language. The application has various functions that allows users to manage Account, Credit card, Transaction and Bill payment.

There are 2 types of users:

* Regular User
* Admin User

The Regular user can perform the user functions and the Admin users can only perform Admin functions.

**User Functions**

A diagram of application process

Description automatically generated

**Admin Functions**

A diagram of a application process

Description automatically generated

**Application Inventory**

**1.Online**

| **Transaction** |  | **BMS Map** | **Program** | **Function** |
| --- | --- | --- | --- | --- |
| CC00 |  | COSGN00 | COSGN00C | Signon Screen |
| CM00 |  | COMEN01 | COMEN01C | Main Menu |
|  | CAVW | COACTVW | COACTVWC | Account View |
|  | CAUP | COACTUP | COACTUPC | Account Update |
|  | CCLI | COCRDLI | COCRDLIC | Credit Card List |
|  | CCDL | COCRDSL | COCRDSLC | Credit Card View |
|  | CCUP | COCRDUP | COCRDUPC | Credit Card Update |
|  | CT00 | COTRN00 | COTRN00C | Transaction List |
|  | CT01 | COTRN01 | COTRN01C | Transaction View |
|  | CT02 | COTRN02 | COTRN02C | Transaction Add |
|  | CR00 | CORPT00 | CORPT00C | Transaction Reports |
|  | CB00 | COBIL00 | COBIL00C | Bill Payment |
| CA00 |  | COADM01 | COADM01C | Admin Menu |
|  | CU00 | COUSR00 | COUSR00C | List Users |
|  | CU01 | COUSR01 | COUSR01C | Add User |
|  | CU02 | COUSR02 | COUSR02C | Update User |
|  | CU03 | COUSR03 | COUSR03C | Delete User |

**2. Batch**

| **Job** | **Program** | **Function** |
| --- | --- | --- |
| DUSRSECJ | IEBGENER | Initial Load of User security file |
| DEFGDGB | IDCAMS | Setup GDG Bases |
| ACCTFILE | IDCAMS | Refresh Account Master |
| CARDFILE | IDCAMS | Refresh Card Master |
| CUSTFILE | IDCAMS | Refresh Customer Master |
| DISCGRP | IDCAMS | Load Disclosure Group File |
| TRANFILE | IDCAMS | Load Transaction Master file |
| TRANCATG | IDCAMS | Load Transaction category types |
| TRANTYPE | IDCAMS | Load Transaction type file |
| XREFFILE | IDCAMS | Account, Card and Customer cross reference |
| CLOSEFIL | IEFBR14 | Close VSAM files in CICS |
| TCATBALF | IDCAMS | Refresh Transaction Category Balance |
| TRANBKP | IDCAMS | Refresh Transaction Master |
| POSTTRAN | CBTRN02C | Transaction processing job |
| TRANIDX | IDCAMS | Define AIX for transaction file |
| OPENFIL | IEFBR14 | Open files in CICS |
| INTCALC | CBACT04C | Run interest calculations |
| COMBTRAN | SORT | Combine transaction files |
| CREASTMT | CBSTM03A | Produce transaction statement |