

USER	
PK	<ul style="list-style-type: none"> <li>• <u>id</u> VARCHAR(100) NOT NULL</li> <li>• ACTIVE BOOLEAN</li> <li>• CREATEDATE TIMESTAMP NOT NULL</li> <li>• LASTLOGIN TIMESTAMP</li> <li>• ROLE VARCHAR(100)</li> <li>• SIGNUPSOURCE VARCHAR(100)</li> <li>• STATE VARCHAR(100)</li> </ul>

RECEIPTS	
PK	<ul style="list-style-type: none"> <li>• <u>id</u> VARCHAR(100) NOT NULL</li> <li>• BONUS POINT INTEGER</li> <li>• BONUS POINT EARNED REASON VARCHAR(100)</li> <li>• CREATEDATE TIMESTAMP</li> <li>• DATES CANNED TIMESTAMP</li> <li>• FINISHDATE TIMESTAMP</li> <li>• MODIFYDATE TIMESTAMP</li> <li>• POINTAWARDDATE <del>INTEGER</del> TIMESTAMP</li> <li>• POINTS EARNED INTEGER</li> <li>• PURCHASE DATE TIMESTAMP</li> <li>• PURCHASE ITEM COUNT INTEGER</li> <li>• REWARD RECEIPT STATUS VARCHAR(100)</li> <li>• TOTAL SPENT FLOAT</li> </ul>
FK	<ul style="list-style-type: none"> <li>• USER ID VARCHAR(100) NOT NULL</li> </ul>

BRAND	
PK	<ul style="list-style-type: none"> <li>• <u>id</u> VARCHAR(100) NOT NULL</li> <li>• NAME VARCHAR(50)</li> </ul>
FK	<ul style="list-style-type: none"> <li>• CPG_ID VARCHAR(100) NOT NULL</li> <li>• CATEGORY VARCHAR(100)</li> <li>• BAR CODE VARCHAR(100)</li> <li>• BRAND CODE VARCHAR(100)</li> <li>• TOP BRAND BOOLEAN</li> </ul>

RECEIPTS ITEMS LINE	
PK	<ul style="list-style-type: none"> <li>• <u>id</u> VARCHAR(100) NOT NULL</li> </ul>
PK	<ul style="list-style-type: none"> <li>• <u>BAR CODE</u> VARCHAR(100) NOT NULL</li> </ul>
FK	<ul style="list-style-type: none"> <li>• REWARD PRODUCT PARTNER ID VARCHAR(100) NOT NULL</li> <li>• DESCRIPTION VARCHAR(100)</li> <li>• FINAL PRICE INTEGER</li> <li>• ITEM PRICE INTEGER</li> <li>• POINT EARNED FLOAT</li> <li>• POINT TO USER ID VARCHAR(100)</li> <li>• QUANTITY PURCHASED VARCHAR(100)</li> <li>• REWARD GROUP VARCHAR(100)</li> <li>• TARGET PRICE INTEGER</li> </ul>

① U. id = R. USER ID

② R. ID = RIL. ID

③ B. CPG\_ID = PIL. REWARD PRODUCT PARTNER ID