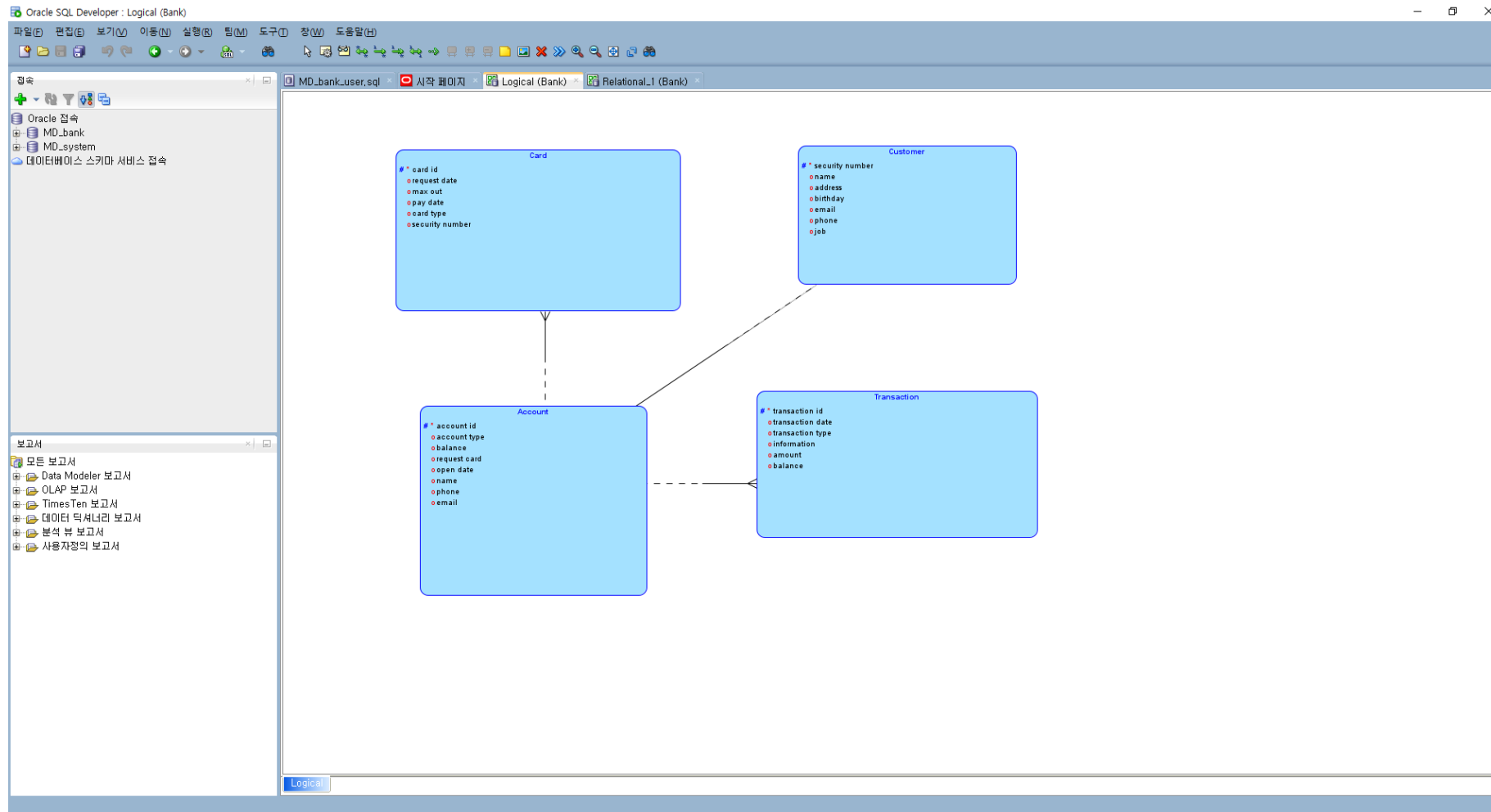


- 1. 논리적모델링
- 2. 물리적모델링
- 3. sqldeveloper실행화면
- 4. 델파이각버튼별실행화면

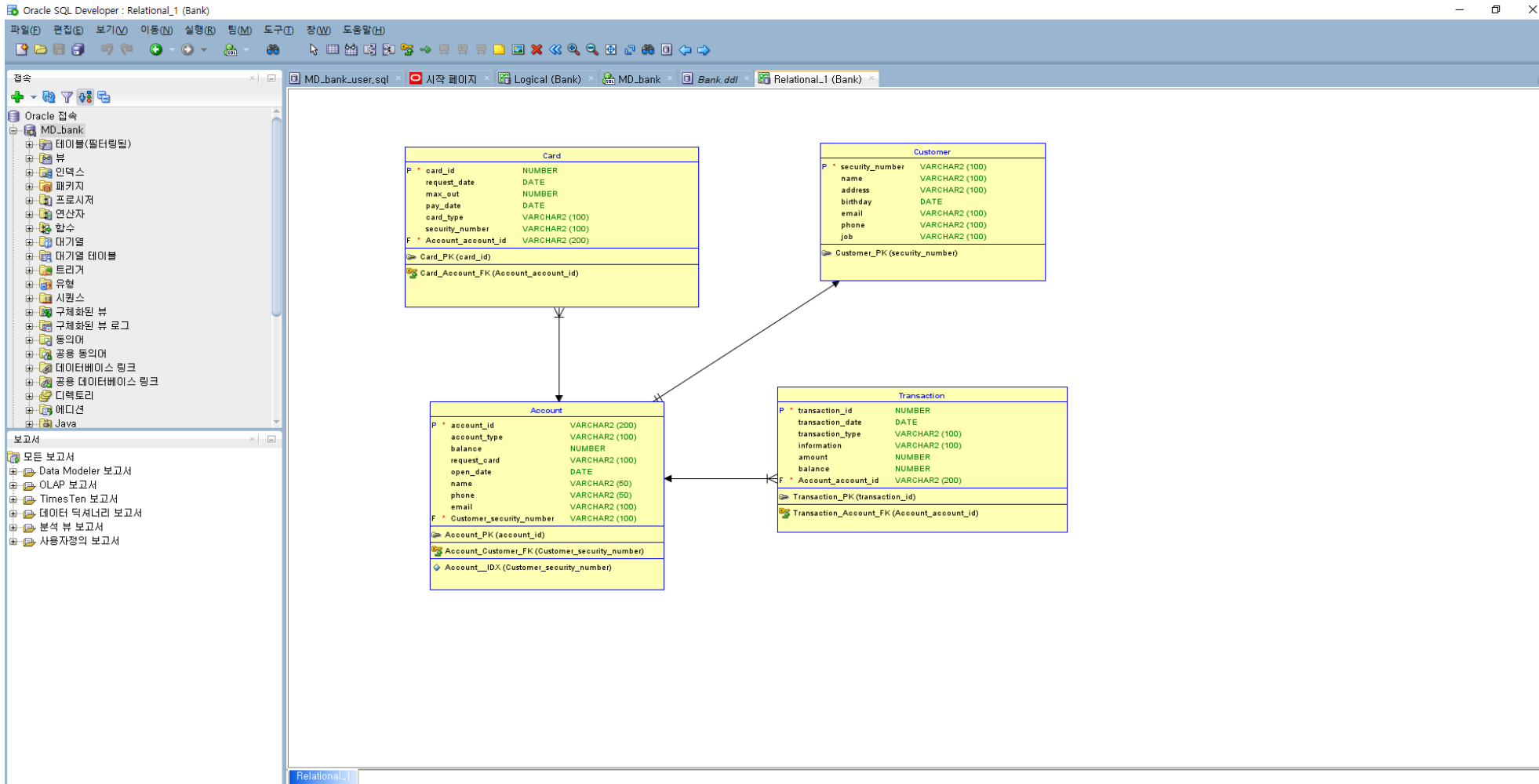
1.요구사항

- CPU가 i5 4세대 정도만 되어도 해당 프로세스를 실행시키는데에 문제가 없습니다.

2. 논리적모델링



3. 물리적모델링



4. sqldeveloper 실행화면

Oracle SQL Developer : MD_bank

파일(F) 편집(E) 보기(V) 이동(N) 실행(R) 소스(S) 팀(M) 도구(D) 창(W) 도움말(H)

MD_bank_user.sql Bank.ddl 시작 페이지 MD_bank

워크시트 질의 작성기

```
INSERT INTO Customer VALUES ('000101-3333333', '권현민', '수원', '2000-01-01', 'abc@naver.com', '010-1234-1234', '학생');
INSERT INTO Customer VALUES ('000102-3333334', '문주현', '수원', '2000-01-02', 'def@naver.com', '010-2345-2345', '학생');
INSERT INTO Customer VALUES ('000103-3333335', '정영석', '수원', '2000-01-03', 'ghi@naver.com', '010-3456-3456', '학생');
INSERT INTO Customer VALUES ('000104-3333336', '이봉민', '서울', '2000-01-04', 'jkl@naver.com', '010-4567-4567', '학생');

INSERT INTO Account VALUES ('123456789-00001', '저축', 150000, 'x', '2022-02-01', '권현민', '010-1234-1234', 'abc@naver.com', '000101-3333333');
INSERT INTO Account VALUES ('123456789-00002', '중권', 500000, 'x', '2022-02-02', '문주현', '010-2345-2345', 'def@naver.com', '000102-3333334');
INSERT INTO Account VALUES ('123456789-00003', '저축', 800000, 'x', '2022-02-03', '정영석', '010-3456-3456', 'ghi@naver.com', '000103-3333335');
INSERT INTO Account VALUES ('123456789-00004', '중권', 100000, 'x', '2022-02-04', '이봉민', '010-4567-4567', 'jkl@naver.com', '000104-3333336');

INSERT INTO Card VALUES (1234123412341234, '2022-01-01', 500000, '2022-01-15', '체크카드', '000101-3333333', '123456789-00001');
INSERT INTO Card VALUES (2345234523452345, '2022-01-02', 500000, '2022-01-16', '체크카드', '000102-3333334', '123456789-00002');
INSERT INTO Card VALUES (3456345634563456, '2022-01-03', 500000, '2022-01-17', '체크카드', '000103-3333335', '123456789-00003');
INSERT INTO Card VALUES (4567456745674567, '2022-01-04', 500000, '2022-01-18', '체크카드', '000104-3333336', '123456789-00004');

INSERT INTO Transaction VALUES (001, '2022-03-01', '입출금', '입금', 50000, 200000, '123456789-00001');
INSERT INTO Transaction VALUES (002, '2022-03-02', '입출금', '입금', 50000, 550000, '123456789-00002');
INSERT INTO Transaction VALUES (003, '2022-03-03', '입출금', '입금', 50000, 850000, '123456789-00003');
INSERT INTO Transaction VALUES (004, '2022-03-04', '입출금', '입금', 50000, 150000, '123456789-00004');

COMMIT;
SELECT * FROM Customer;
SELECT * FROM Card;
SELECT * FROM Account;
SELECT * FROM Transaction;
```

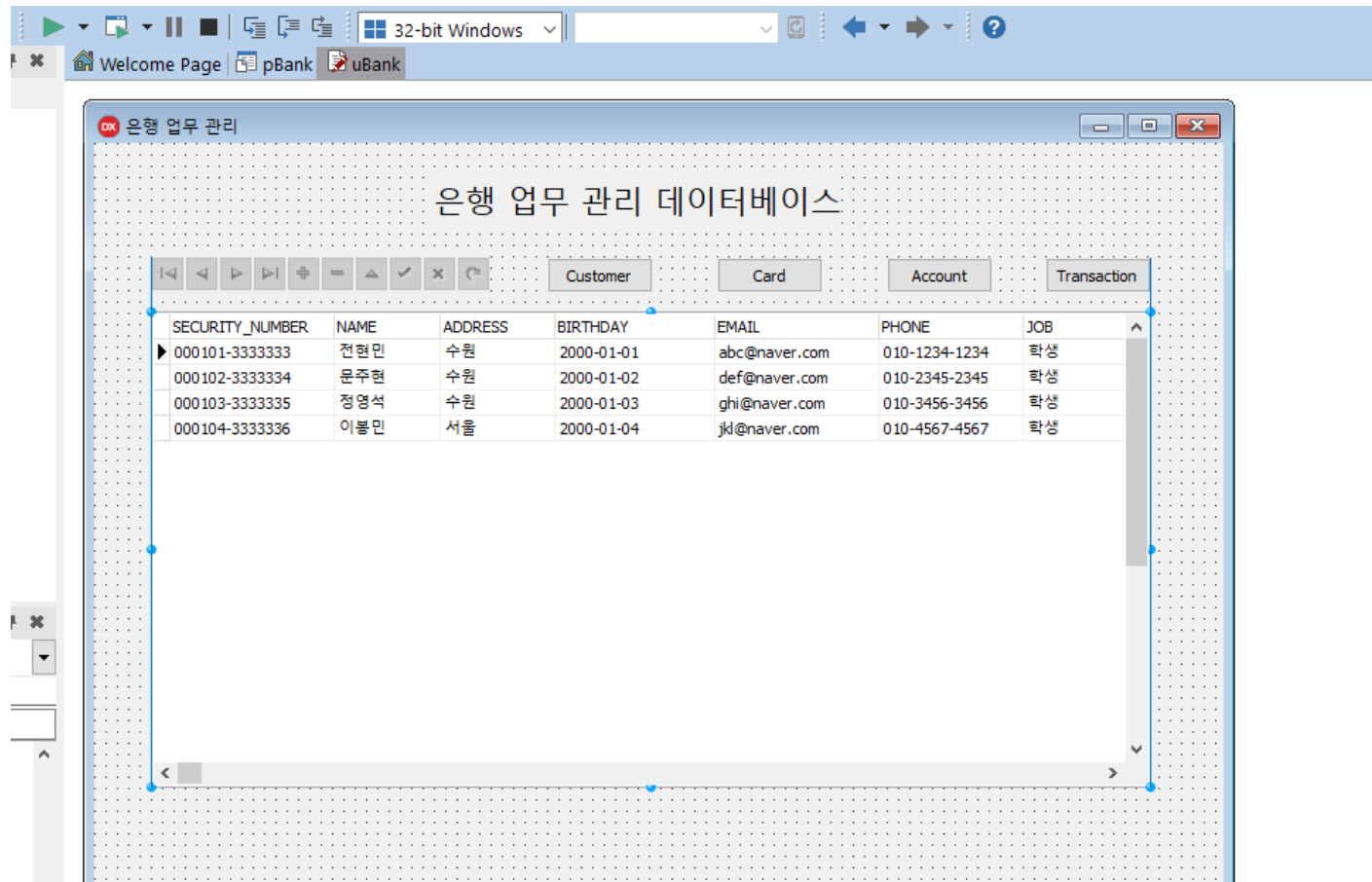
질의 결과 x

SOL | 인출된 모든 행: 4(0.008초)

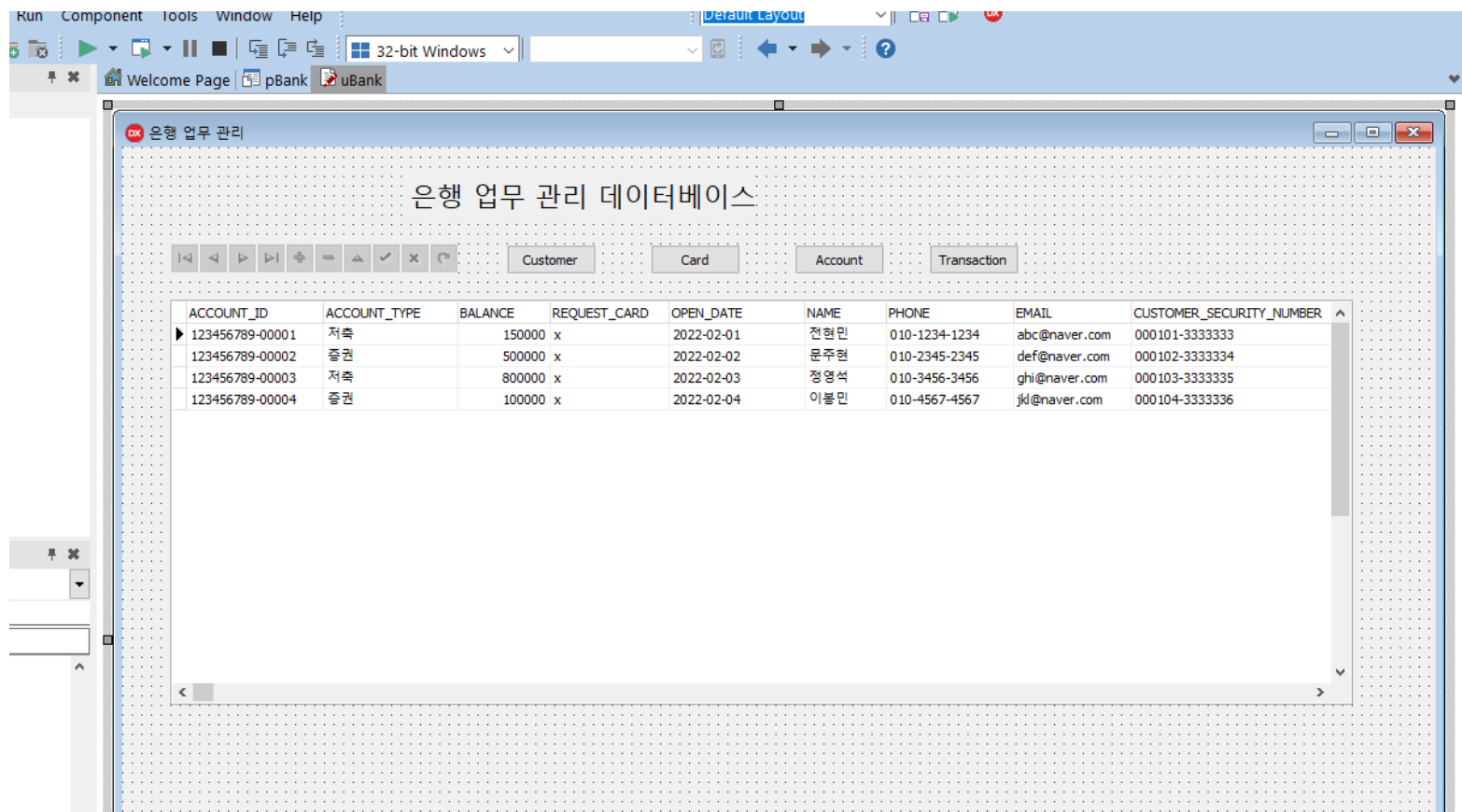
ACCOUNT_ID	ACCOUNT_TYPE	BALANCE	REQUEST_CARD	OPEN_DATE	NAME	PHONE	EMAIL	CUSTOMER_SECURITY_NUMBER
1	123456789-00001	저축	150000	x	22/02/01	권현민	010-1234-1234 abc@naver.com	000101-3333333
2	123456789-00002	중권	500000	x	22/02/02	문주현	010-2345-2345 def@naver.com	000102-3333334
3	123456789-00003	저축	800000	x	22/02/03	정영석	010-3456-3456 ghi@naver.com	000103-3333335
4	123456789-00004	중권	100000	x	22/02/04	이봉민	010-4567-4567 jkl@naver.com	000104-3333336

| 24 행 23 열 | 삽입 | 수정됨 | Windows: CR

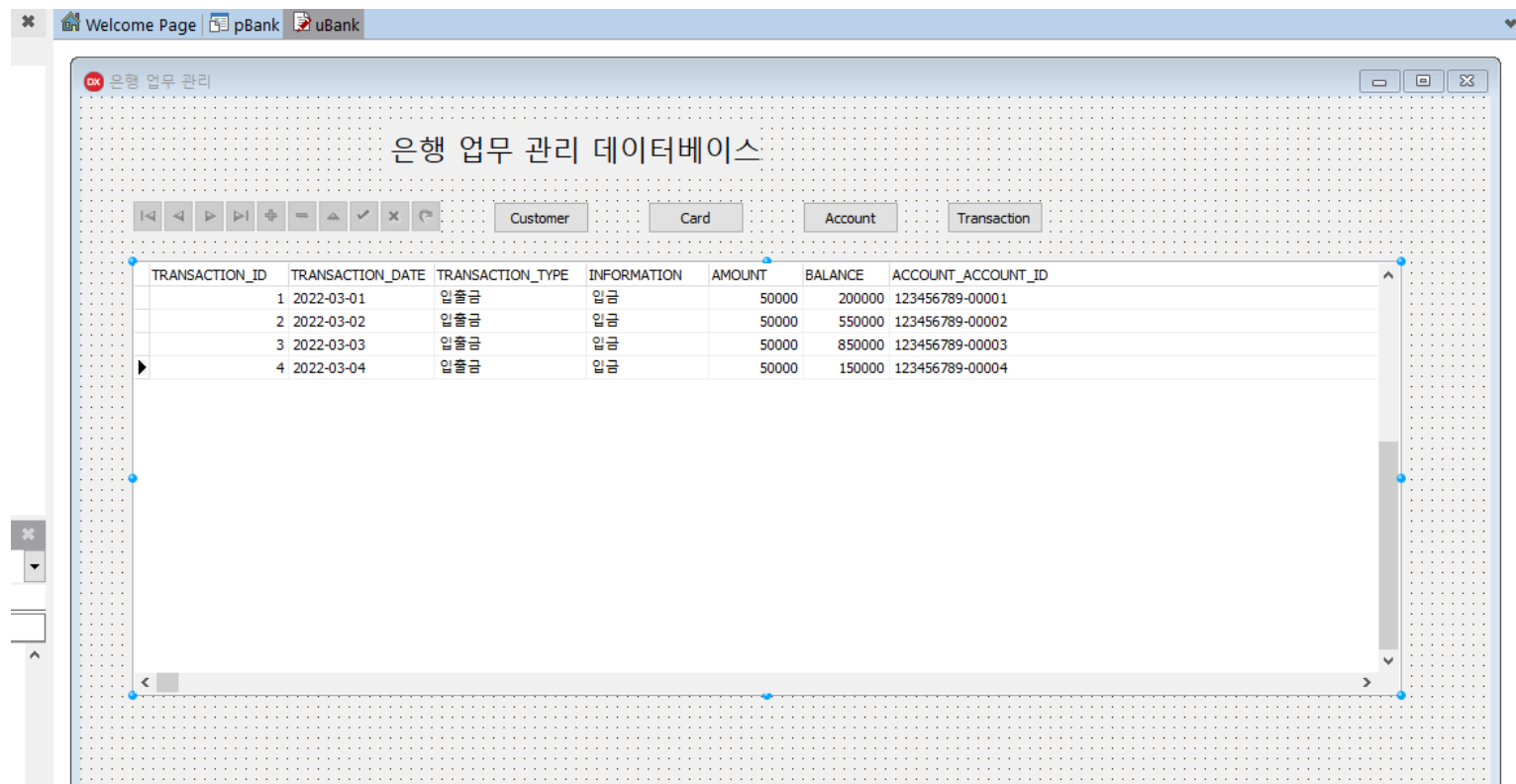
5. 델파이 각 버튼별 실행 화면(처음버튼)



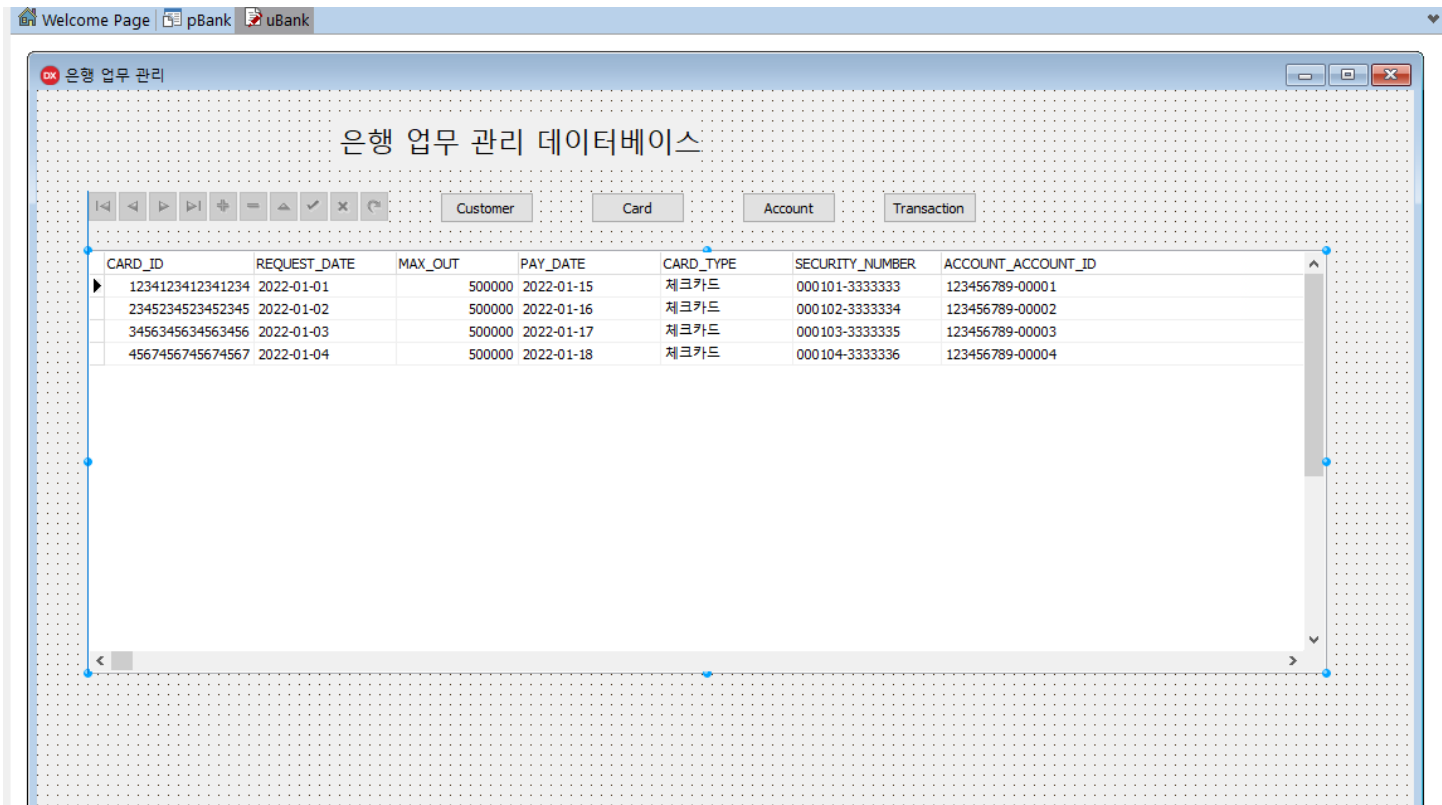
델파이각버튼별실행화면(이전 버튼)



5. 델파이각버튼별실행화면(다음버튼)



5. 델파이각버튼별실행화면(끝버튼)



5. 델파이각버튼별실행화면(추가버튼)

