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유수근
유태곤
김종욱

AIRPLANE RESERVATION SYSTEM

DATA BASE

Programming

PROF
민준기 교수님



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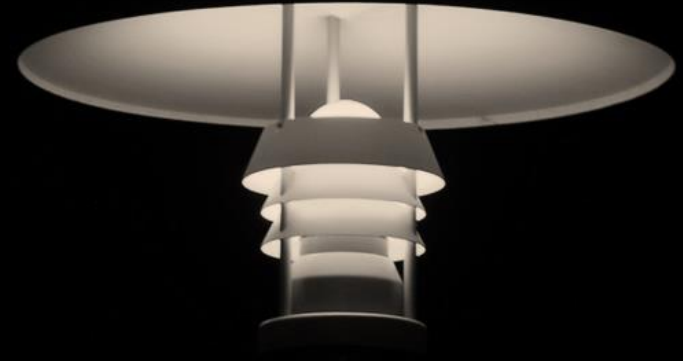


Part 1

What Is The Purpose Of this Project.

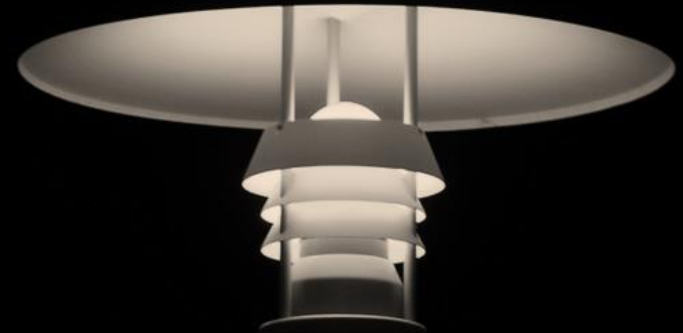
What Is The Purpose Of this Project

고객 항공기 예약 프로그램



What Is The Purpose Of this Project

고객이 원하는 목적지의 항공기를 예약할 수 있는 프로그램을 제작하는 것을 목적으로 한다.



예약 프로그램 인터페이스 그림 삽입



Part 2

This Project's Contents

This Project's Contents

개발
환경

IDE	
DataBase	
Graphic TOOL	



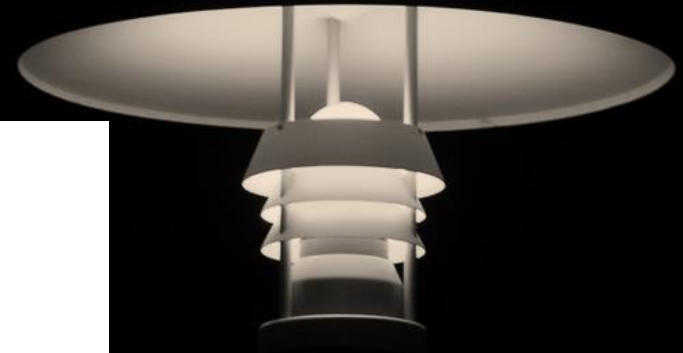
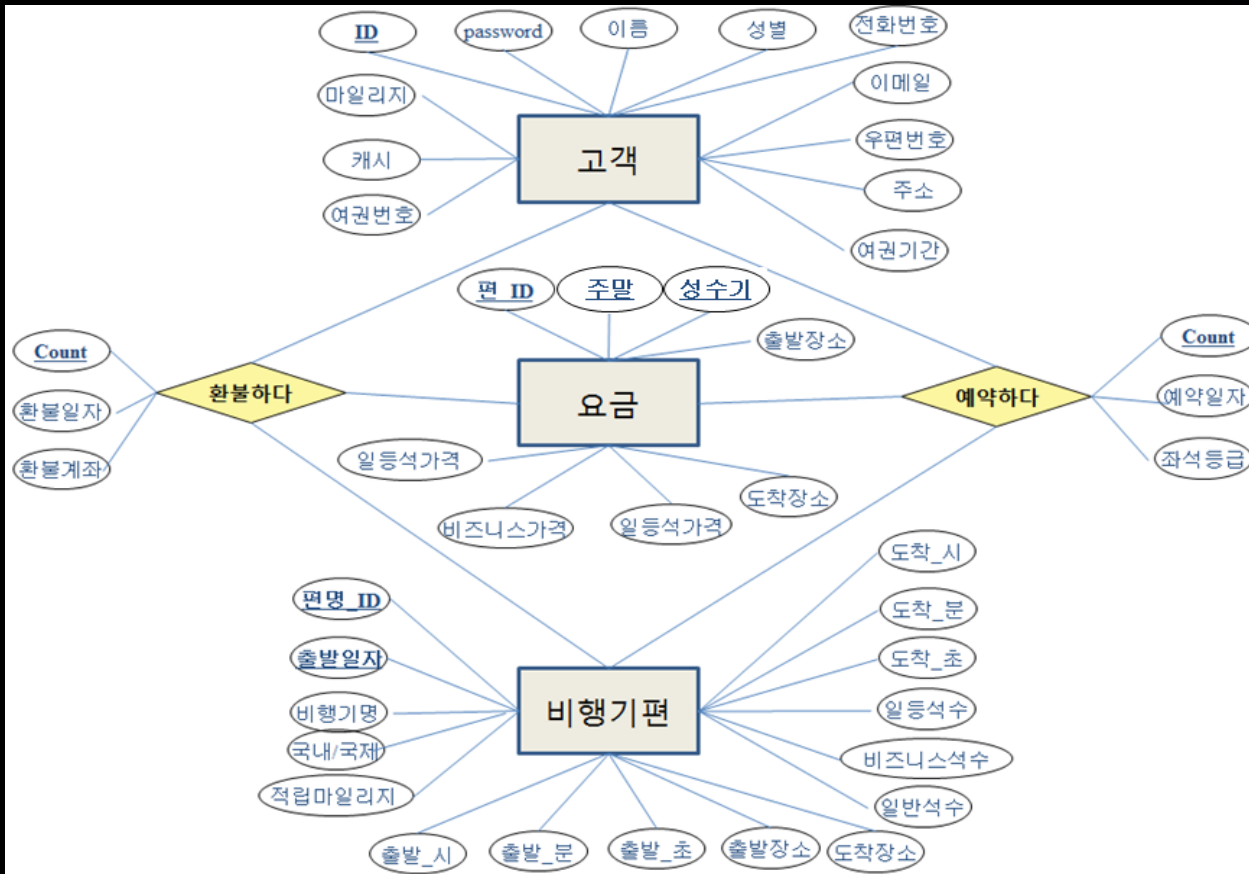
ECLIPSE
STANDARD 4.3.1

MY SQL 5.5.34

PHOTOSHOP –
SCHOOL VERSION

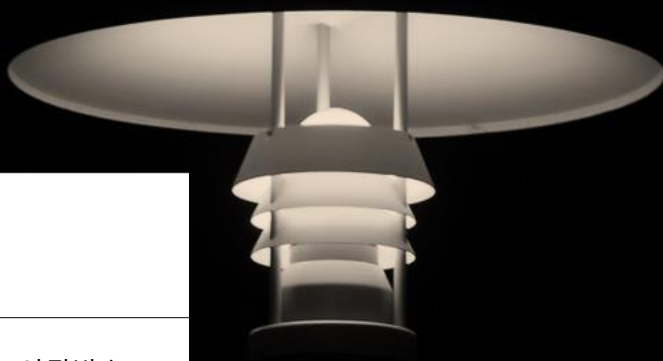
This Project's Contents

데이터 베이스 E-R 다이어그램



This Project's Contents

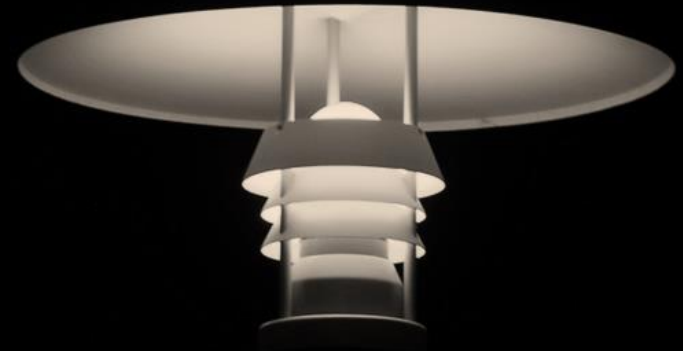
릴레이션 스키마



개체 및 관계	릴레이션 스키마
고객	고객{ <u>ID</u> , password, 이름, 성별, 전화번호, 이메일, 우편번호, 주소, 마일리지, 캐쉬, 여권번호, 여권기간};
요금	요금{ <u>편 ID</u> , 주말, 성수기, 출발지, 도착지, 일반석요금, 비즈니스석 요금, 일등석요금};
비행기 편	비행기편{ <u>편명</u> , <u>출발일자</u> , 비행기명, 국내/국제, 적립 마일리지, 출발_시, 출발_분, 출발_초, 도착_시, 도착_분, 도착_초, 출발장소, 도착장소, 일등석수, 비즈니스석수, 일반석수};
예약하다	예약하다(고객_id(FK), 요금Line_id(FK), 편명id(FK), Count, 좌석등급, 예약일자);
환불하다	환불하다(고객_id(FK), 요금Line_id(FK), 편명id(FK), Count, 환불계좌, 환불일자);

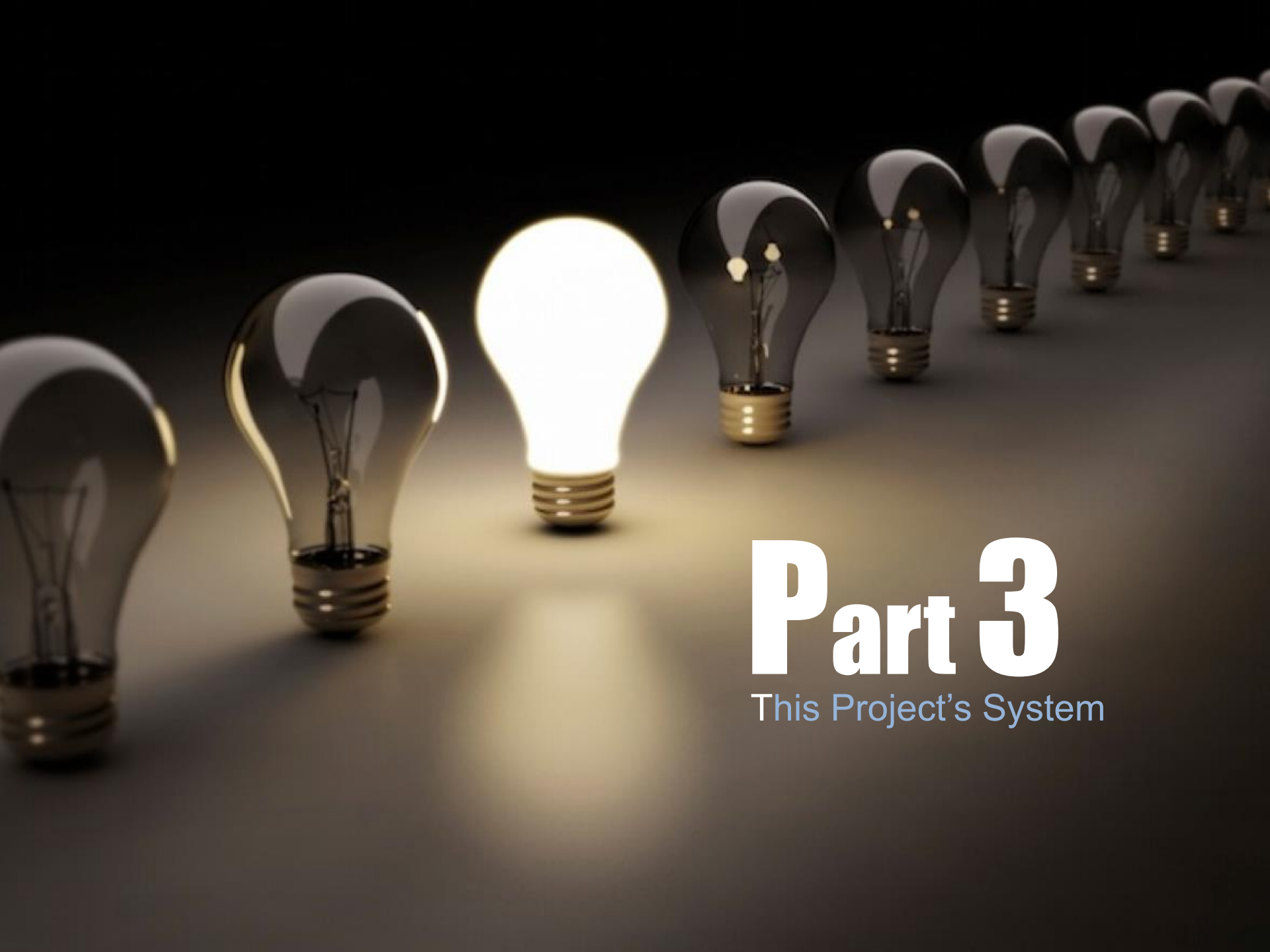
This Project's Contents

INNODB



MySQL자체에서 지원하는 동시성제어 명령어.

동시성에 대한 다양한 옵션을 제공하여 줄 수 있으며, 또한 동시성 접속 인원에 대해 접근 제한.



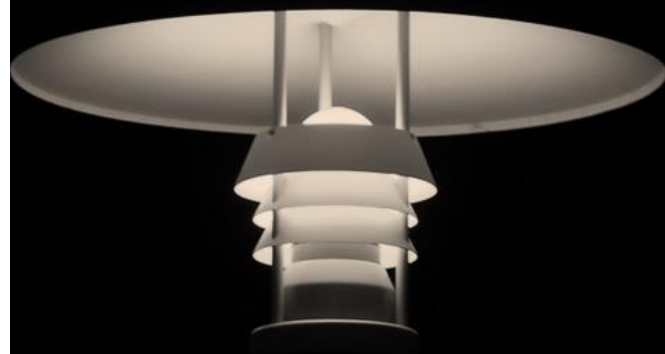
Part 3

This Project's System

This Project's System

- ① 매 주 화요일 수업시간이 마친 저녁에 프로젝트를 진행하는 것을 원칙으로 한다.
- ② 추가적인 모임이 필요하다면 조원들과 상의하여 일정을 잡아 추가 회의를 잡는다.
- ③ 모임에 불참할 경우, 그 사유를 사전에 이야기해야 되며 그러지 않을 경우 벌금 만원을 낸다.
- ④ 모인 벌금은 모임에서 음료수, 간식비로 사용한다.
- ⑤ 역할분담에 나누어진 역할을 주 역할로 잡되, 서로 부족하거나 모르는 점의 경우 다 같이 도와서 수행 할 수 있도록 한다.

메인 프로그래머	보조 프로그래머	데이터베이스	UI
김종욱	유태곤	문찬호	유수근

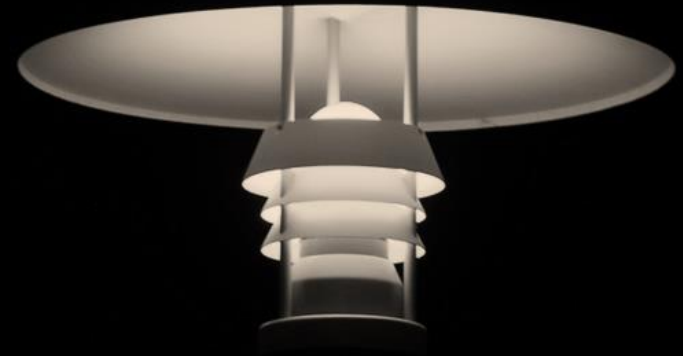
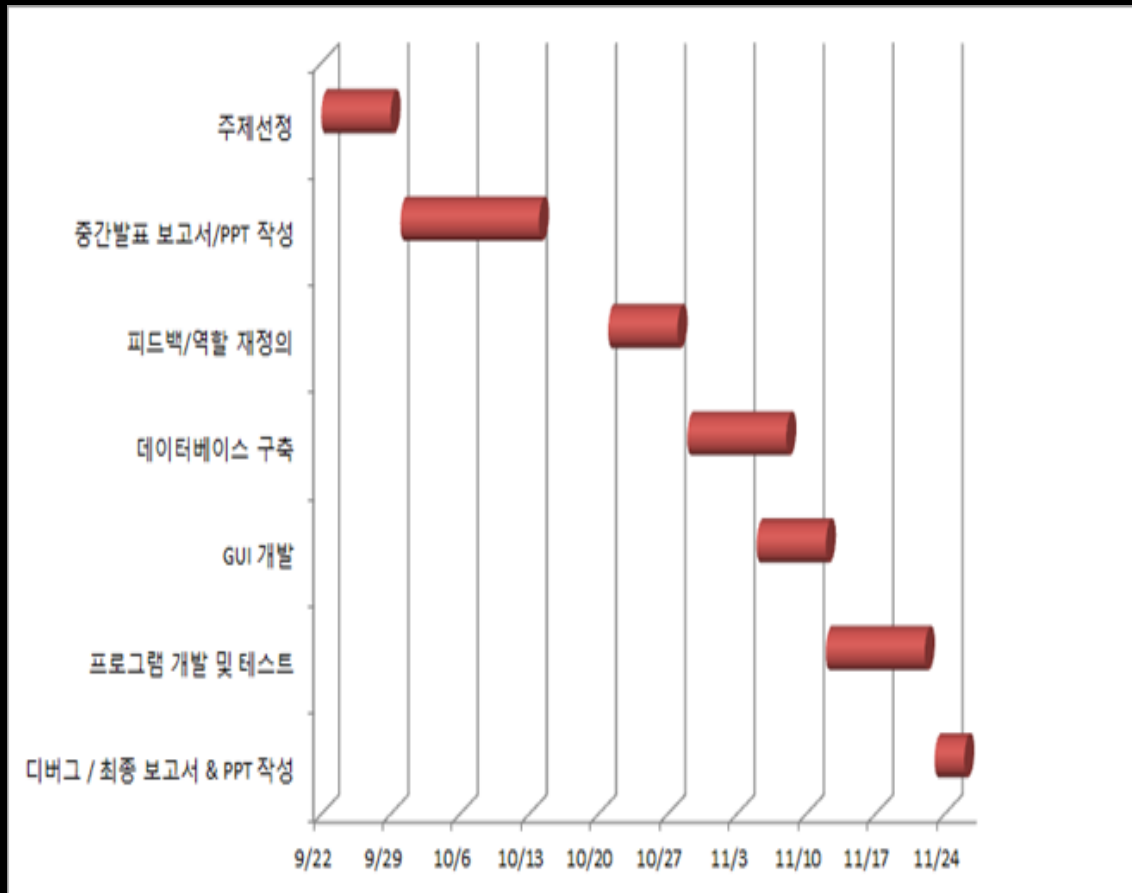




Part 4

This Project's Schedule

This Project's Schedule



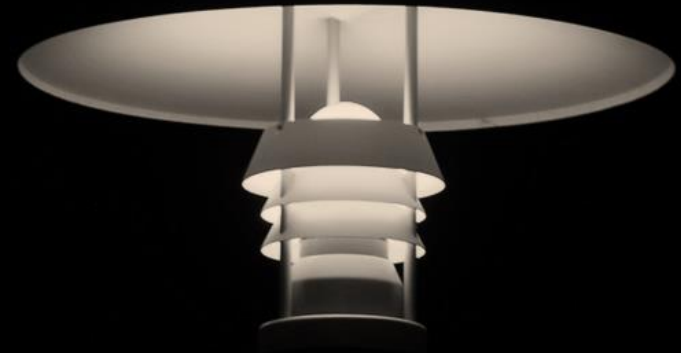
주제선정 (7)
중간발표/PPT (14)
피드백/역할 재정의 (7)
데이터베이스 구축 (10)
GUI 개발 (7)
프로그램 개발 및 테스트 (11)
디버그/최종보고서 & PPT (2)



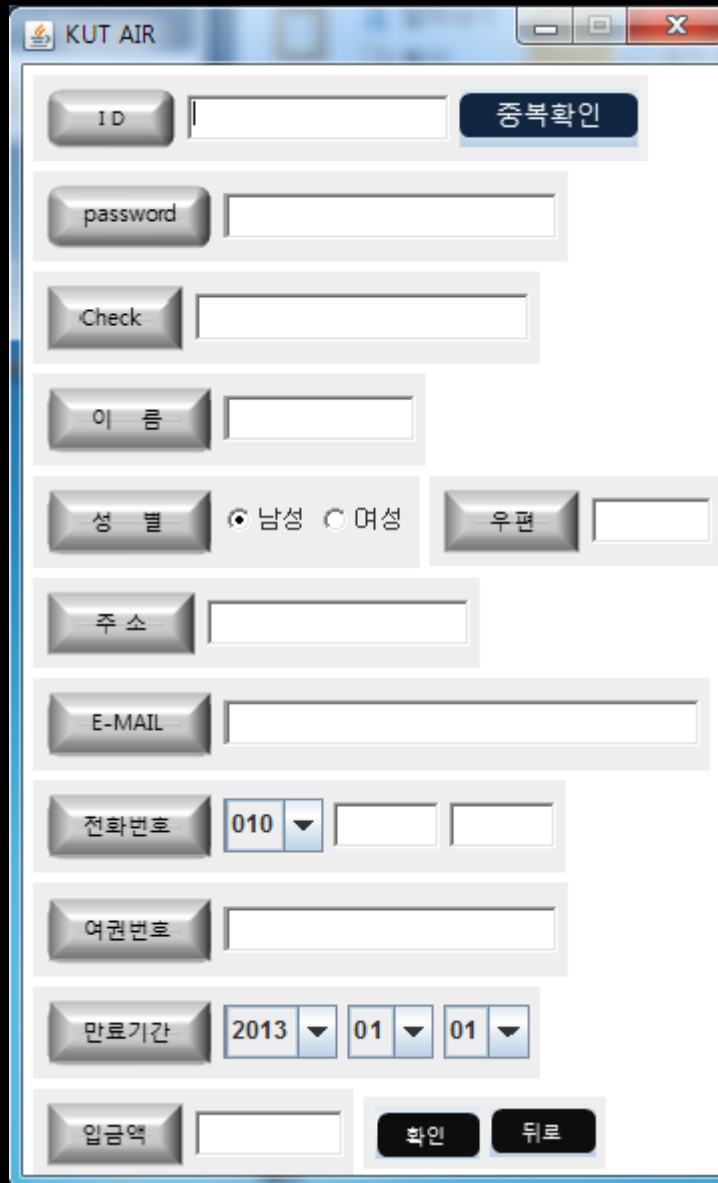
Part 5

This Project's Demonstration

This Project's Demonstration



This Project's Demonstration



A screenshot of a web-based registration form titled "KUT AIR". The form contains several input fields and buttons for user registration. The fields are arranged vertically, with labels in Korean. The "ID" field has a "중복확인" (Check for duplicates) button next to it. The "password" field is followed by a "Check" button. The "이름" (Name) field is followed by a "성별" (Gender) section with radio buttons for "남성" (Male) and "여성" (Female), and a "우편" (Post) field. The "주소" (Address) field is followed by an "E-MAIL" field. The "전화번호" (Phone number) field has a dropdown menu set to "010" and two input boxes. The "여권번호" (Passport number) field is followed by a "만료기간" (Expiration date) section with dropdown menus for "2013", "01", and "01". The "입금액" (Amount paid) field is followed by "확인" (Confirm) and "뒤로" (Back) buttons.

KUT AIR

ID 중복확인

password

Check

이름

성별 ☒ 남성 ☐ 여성 우편

주소

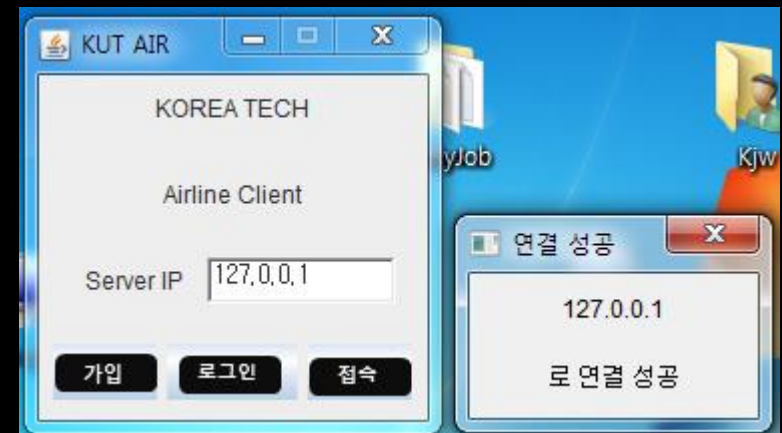
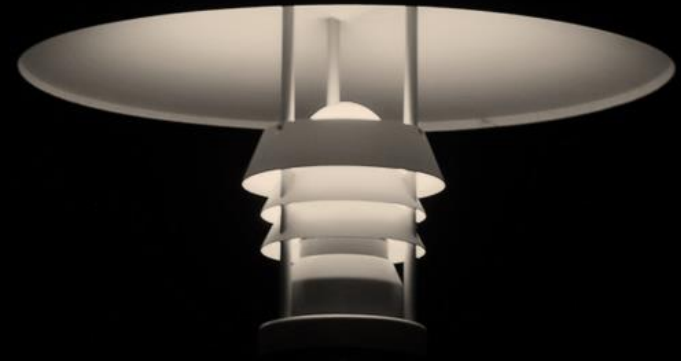
E-MAIL

전화번호 010

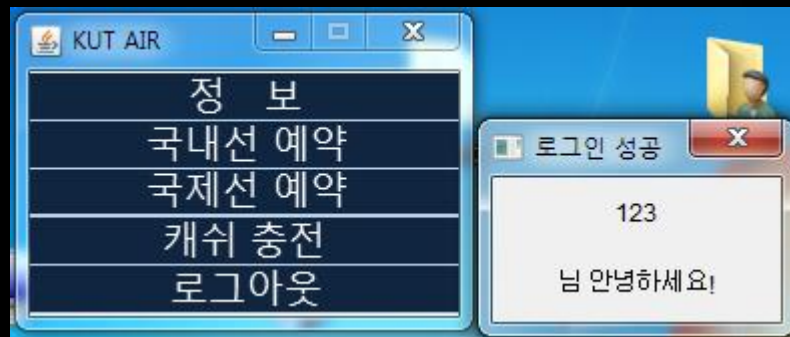
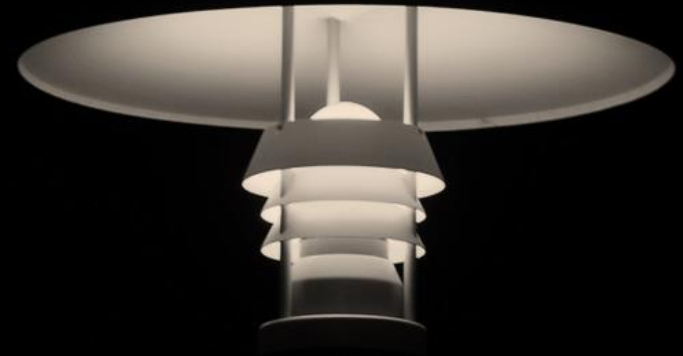
여권번호

만료기간 2013 01 01

입금액 확인 뒤로



This Project's Demonstration



This Project's Demonstration

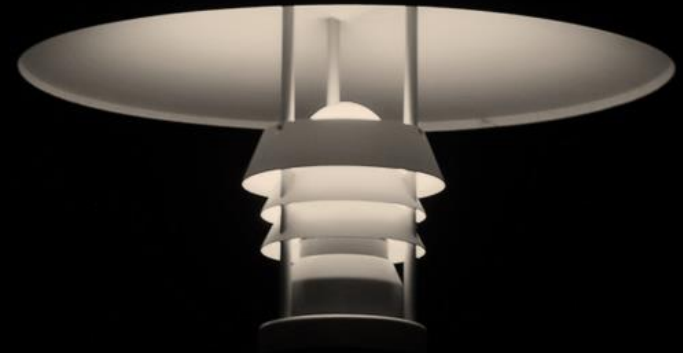
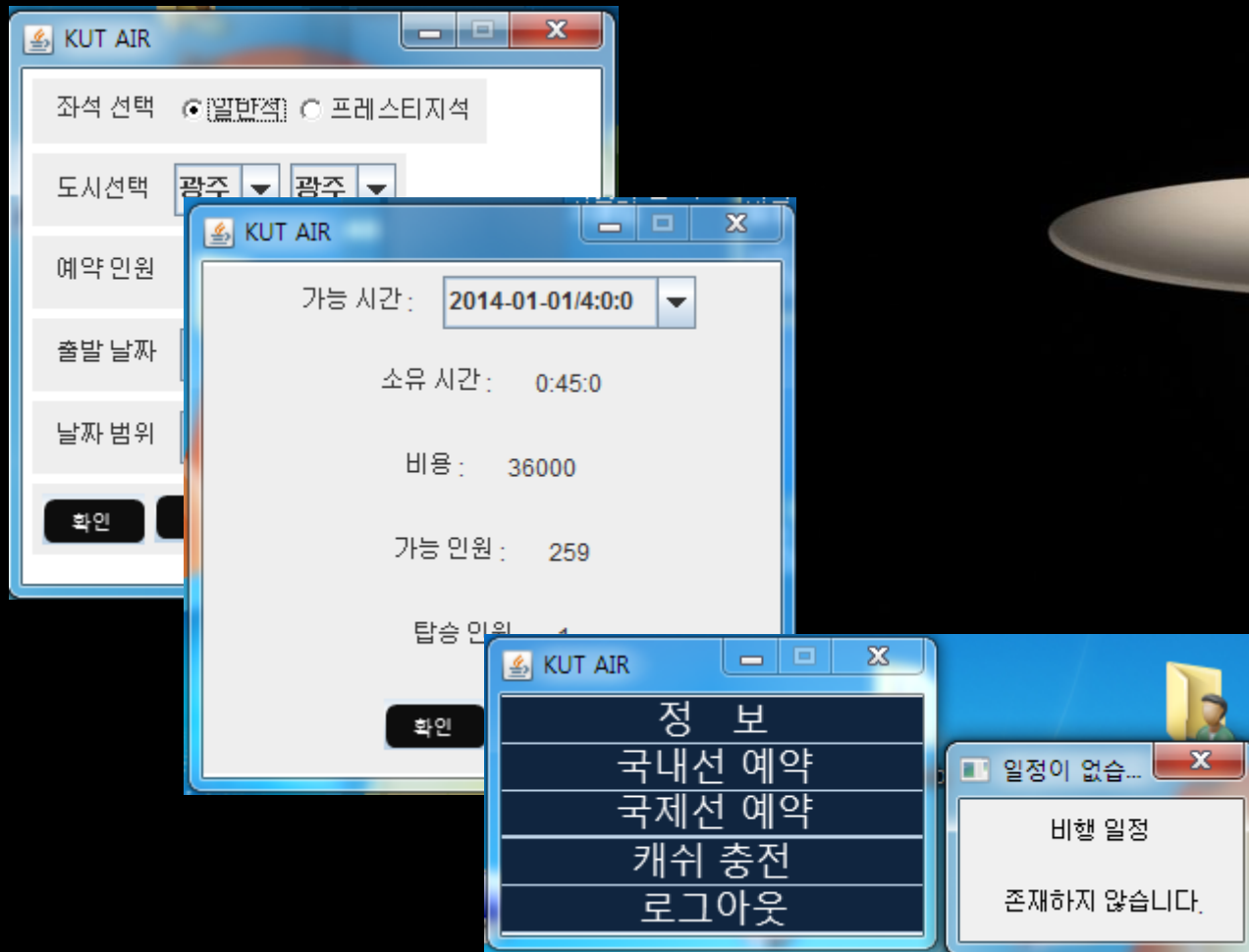
The image displays a demonstration of a flight management system interface, showing four overlapping windows titled "KUT AIR". The windows are arranged in a stack, with the top-most window being the most prominent. Each window contains a form with tabs for "비행기록" (Flight Record), "개인정보" (Personal Information), and "취소" (Cancel). The top-most window is filled with flight details:

비행기록	개인정보	취소
환불		
출발지 : 인천		
도착지 : 샌프란시스코		
비행 번호 : AME0017		
좌석 정보 : economic_seat		
총비용 : 1179100		
총 탑승 고객: 1		
출발일: 2014-01-01		
<input type="button" value="확인"/>		
<input type="button" value="뒤로"/>		

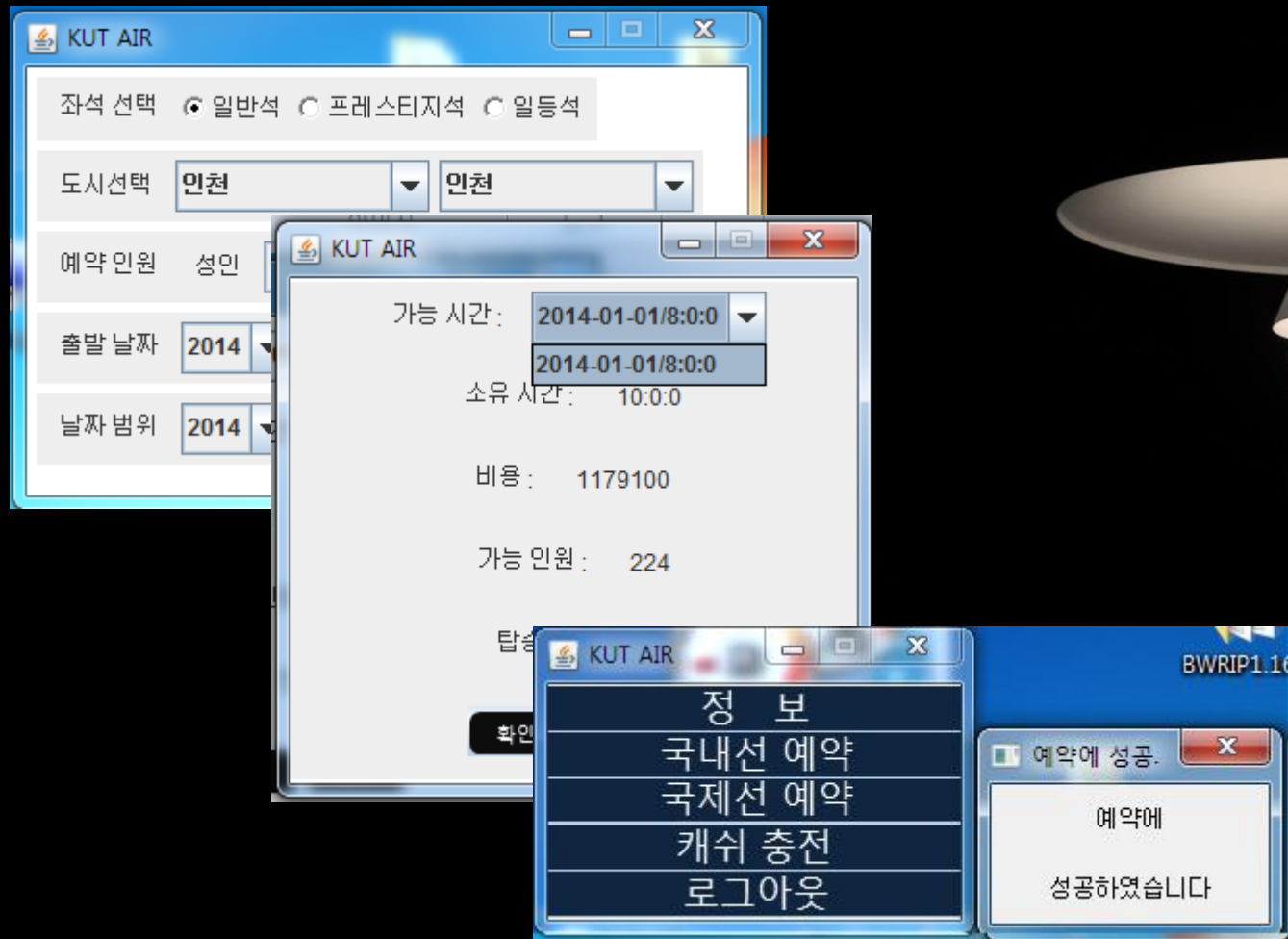
The windows behind it show the same form at different stages of completion, with some fields filled in:

- The second window from the top shows the "비행기록" tab selected, with the following fields filled: 고객 ID 123, 성명 123, 성별 M, PASSPORT 123, 주소 123 123, 핸드폰 번호 010-12345678, and 여권 만기일 2013-12-31.
- The third window from the top shows the "비행기록" tab selected, with the following fields filled: 고객 ID 123, 성명 123, 성별 M, PASSPORT 123, 주소 123 123, 핸드폰 번호 010-12345678, and 여권 만기일 2013-12-31.
- The bottom-most window shows the "비행기록" tab selected, with the following fields filled: 고객 ID 123, 성명 123, 성별 M, PASSPORT 123, 주소 123 123, 핸드폰 번호 010-12345678, and 여권 만기일 2013-12-31.

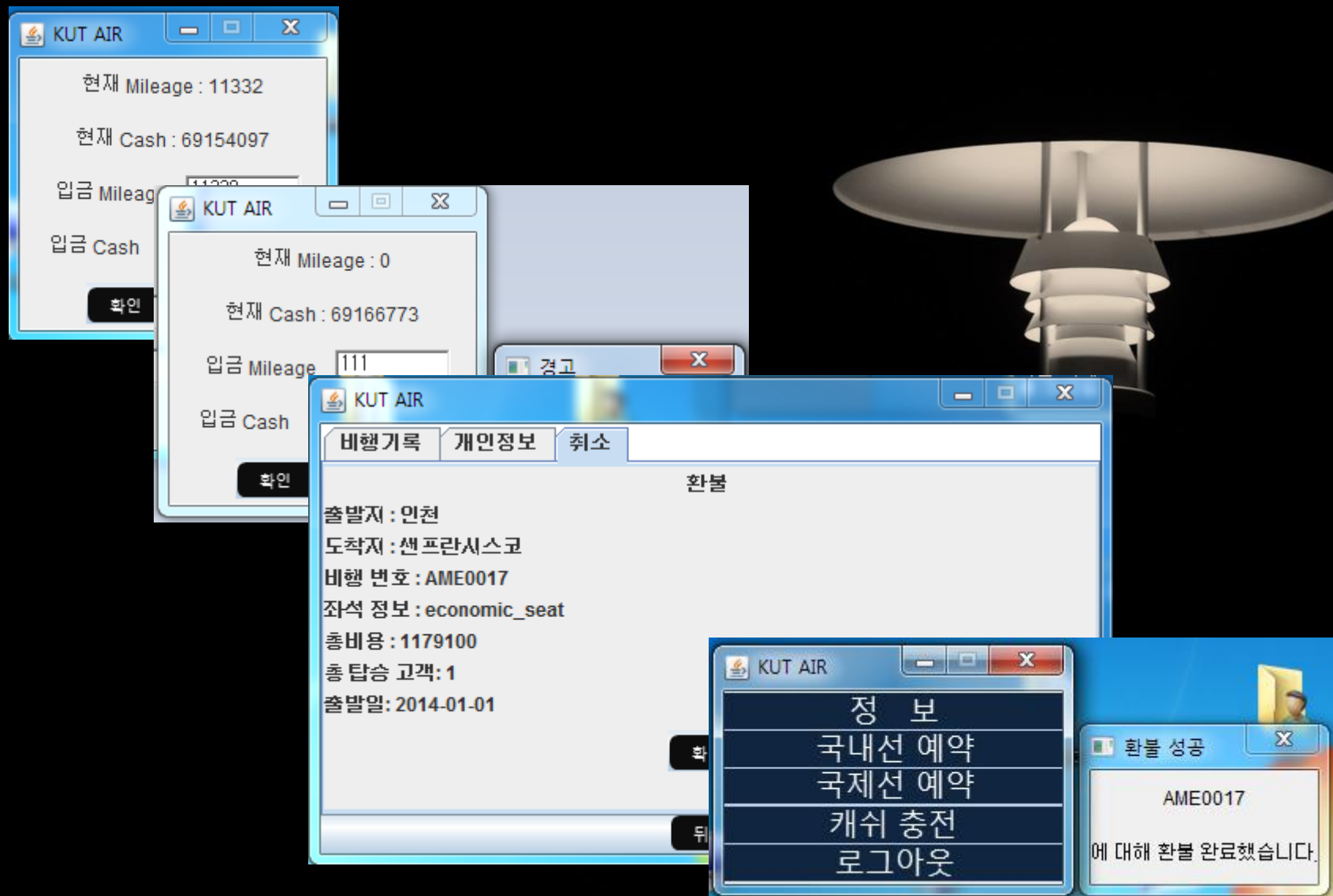
This Project's Demonstration



This Project's Demonstration



This Project's Demonstration





Part 6

Expected effect

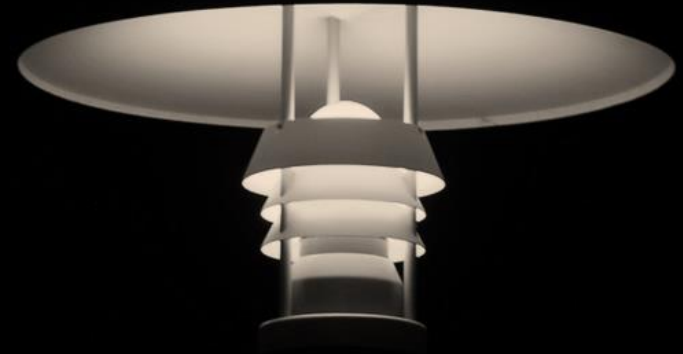
Expected effect

사회적 효과



Expected effect

개인적 효과





Q&A

Thank you