

## طراحی منطقی

- SKILLS(SKILL\_NAME,SKILL\_TYPE)
- COMPANY(COMPANY\_REGISTRATION\_ID,ADDR,COMPANY\_NAME,INFO\_FILE\_LOCATION,PHONE\_1,PHONE\_2,PHONE\_3)
- ADVERTISEMENT(COMPANY\_REGISTRATION\_ID,ADD\_ID,INFO\_FILE\_LOCATION,EXPERIENCE\_YR,IS\_PART\_TIME,WORK\_HOURS,BEGINNING\_DATE,EXP\_DATE)
- ADV\_REQUIREMENTS(COMPANY\_REGISTRATION\_ID,ADD\_ID,SKILL\_NAME,SKILL\_LEVEL)
- ADV\_RELATIVE\_SKILLS(COMPANY\_REGISTRATION\_ID,ADD\_ID,SKILL\_NAME)
- USER(USER\_ID,EMAIL\_ADD,FIRST\_NAME,LAST\_NAME,NATIONAL\_ID)
- CV(USER\_ID,BIRTH\_DATE,GENDER,IS\_MARRIED,INFO\_FILE\_LOCATION,ADDR\_STATE,ADDR\_CITY,ADDR\_AREA)
- CV\_PHONES(USER\_ID,PHONE\_NUMBER)
- CV\_PROJ\_LINKS(USER\_ID,URL)
- CV\_SKILLS(USER\_ID,SKILL\_NAME,SKILL\_LEVEL)
- CV\_EDU\_HISTORY(USER\_ID,CRS\_NAME,ORG\_NAME,CERTIFICATE\_URL,SCORE)
- CV\_WORK\_INFO(USER\_ID,DESIRED\_INCOME,IS\_PART\_TIME,WORK\_HOURS,DESIRED\_JOB\_TITLE,WORK\_EXP\_YR,EMPLOYMENT\_STATUS)
- CV\_WORK\_INFO\_INTRESTS(USER\_ID,SKILL\_NAME)

- REQUESTS(USER\_ID, COMPANY\_REGISTRATION\_ID, ADD\_ID, STATUS)
- COURSE(COURSE\_ID, COURSE\_NAME, BEGINNING\_DATE, FINISHING\_DATE)
- COURSE\_SPONSOR(COURSE\_ID, COMPANY\_REGISTRATION\_ID)
- COURSE\_MATERIAL\_PROVIDER(COURSE\_ID, USER\_ID, ACCESS\_LEVEL)
- COURSE\_MATERIAL(COURSE\_ID, MATERIAL\_ID, FILE\_LOCATION, UPLOAD\_DATE)
- CRS\_PARTICIPANTS(USER\_ID, COURSE\_ID)
- COURSE\_HW(COURSE\_ID, HW\_TITLE, DEADLINE\_DATE, PENALTY\_TIME\_SEG\_HOURS, PENALTY\_VALUE, OPENING\_DATE, CLOSING\_DATE, HW\_DESCRIPTION\_FILE\_LOCATION, FILE\_SIZE\_LIMIT)
- HW\_ACCEPTABLE\_FORMATS(COURSE\_ID, HW\_TITLE, FORMAT\_NAME)
- HW\_DELIVERY(COURSE\_ID, HW\_TITLE, USER\_ID, DELIVERY\_DATE, FILE\_LOCATION)
- PROBLEM(PROBLEM\_ID, PROBLEM\_TITLE, DESCRIPTION\_FILE\_LOCATION, DIFFICULTY\_LEVEL)
- PROBLEM\_SKILL(PROBLEM\_ID, SKILL\_NAME, DIFFICULTY\_LEVEL)
- CONTEST(CONTEST\_ID, CONTEST\_TITLE, DESCRIPTION\_FILE\_LOCATION, BEGINNING\_DATE, ENDING\_DATE, IS\_PUBLIC)
- CONTEST\_PROBLEMS(CONTEST\_ID, PROBLEM\_ID, SCORE)
- CONTEST\_COURSE(COURSE\_ID, CONTEST\_ID)
- CONTEST\_SPONSOR(CONTEST\_ID, COMPANY\_REGISTRATION\_ID)
- ACTIVITY\_HISTORY\_PROBLEMS(USER\_ID, PROBLEM\_ID)
- ACTIVITY\_HISTORY\_CONTEST(USER\_ID, CONTEST\_ID, SCORE, RANK)

- NOTIFICATION(NOTIFICATION\_ID, CREATION\_DATE, TEXT)
- USER\_NOTIFICATION(NOTIFICATION\_ID, USER\_ID)
- NEW\_ADD\_NOTIF(NOTIFICATION\_ID,  
COMPANY\_REGISTRATION\_ID, ADD\_ID)
- REQUEST\_STATUS\_UPDATE(NOTIFICATION\_ID, USER\_ID,  
COMPANY\_REGISTRATION\_ID, ADD\_ID)
- NEW\_REQUEST\_NOTIF(NOTIFICATION\_ID,USER\_ID,  
COMPANY\_REGISTRATIN\_ID, ADD\_ID)