```sql
USE it_job_posting;

/*Satisfies requirement A, requirement B, requirement D*/
/* Query to find all jobs that are open to hire Ukrainians
including the job title, company name, and contract type.
The query includes job, company, job_contract_type, contract_type tables*/
DROP VIEW IF EXISTS JobsOpentoUkrainians;
CREATE VIEW JobsOpentoUkrainians AS
SELECT j.title, c.company_id, ct.contrac_type
FROM job j
JOIN company c USING(company_id)
JOIN job_contract_type jct USING(job_id)
JOIN Contract_type ct USING(contract_type_id)
WHERE c.open_to_hire_Ukrainians = 1;
SELECT * FROM JobsOpentoUkrainians;

/*Satisfies requirement A, requirement B, requirement C*/
/*Query to find the average minimum and maximum salaries for contract type: b2b and
permanent
including contract_type, job_contract_type tables*/
DROP VIEW IF EXISTS AvgSalariesByContract;
CREATE VIEW AvgSalariesByContract AS
SELECT ct.contrac_type, ROUND(AVG(jct.min_salary)) AS AverageMinSalary,
ROUND(AVG(jct.max_salary)) AS AverageMaxSalary
FROM contract_type ct
JOIN job_contract_type jct ON ct.contract_type_id = jct.contract_type_id
WHERE jct.min_salary IS NOT NULL AND jct.max_salary IS NOT NULL
GROUP BY ct.contrac_type;
SELECT * FROM AvgSalariesByContract;


/*Satisfies requirement A, requirement B, requirement C*/
/* This query counts the distinct job titles for each city,
then filters out cities that have more than one job
including job and location tables*/
DROP VIEW IF EXISTS CitiesWithAboveOneJobs;
CREATE VIEW CitiesWithAboveOneJobs AS
SELECT l.city, COUNT(DISTINCT j.title) AS TotalJobTitles
FROM job j
JOIN location l ON j.location_id = l.location_id
GROUP BY l.city
HAVING COUNT(DISTINCT j.title) > 1;
SELECT * FROM CitiesWithAboveOneJobs;

/*Satisfies requirement A, requirement B, requirement E*/
/* This query will show the jobs that are open to hire Ukrainians and
filter out jobs that have salaries greater than the average range of all jobs
including job, company, job_contract_type, and contract_type tables*/
DROP VIEW IF EXISTS HighPayingJobsForUkrainians;
CREATE VIEW HighPayingJobsForUkrainians AS
SELECT j.title, c.company_id, ct.contrac_type, jct.min_salary, jct.max_salary
FROM job j
JOIN company c ON j.company_id = c.company_id
JOIN job_contract_type jct ON j.job_id = jct.job_id
JOIN contract_type ct USING(contract_type_id)
WHERE c.open_to_hire_Ukrainians = 1
AND (jct.max_salary - jct.min_salary) >
    (SELECT AVG(max_salary - min_salary)
     FROM job_contract_type
```

```sql
    WHERE max_salary IS NOT NULL AND min_salary IS NOT NULL);
SELECT * FROM HighPayingJobsForUkrainians;


/*Satisfies requirement A, requirement B*/
/*This query is to find all companies that have a minimum size greater than the
average minimum company size
including job and company tables*/
DROP VIEW IF EXISTS LargerThanAvgMinCompaniesSize;
CREATE VIEW LargerThanAvgMinCompaniesSize AS
SELECT j.title AS job_title, min_company_size
FROM job j
JOIN company c USING(company_id)
WHERE min_company_size > (SELECT AVG(min_company_size) FROM company);
SELECT * FROM LargerThanAvgMinCompaniesSize;
```