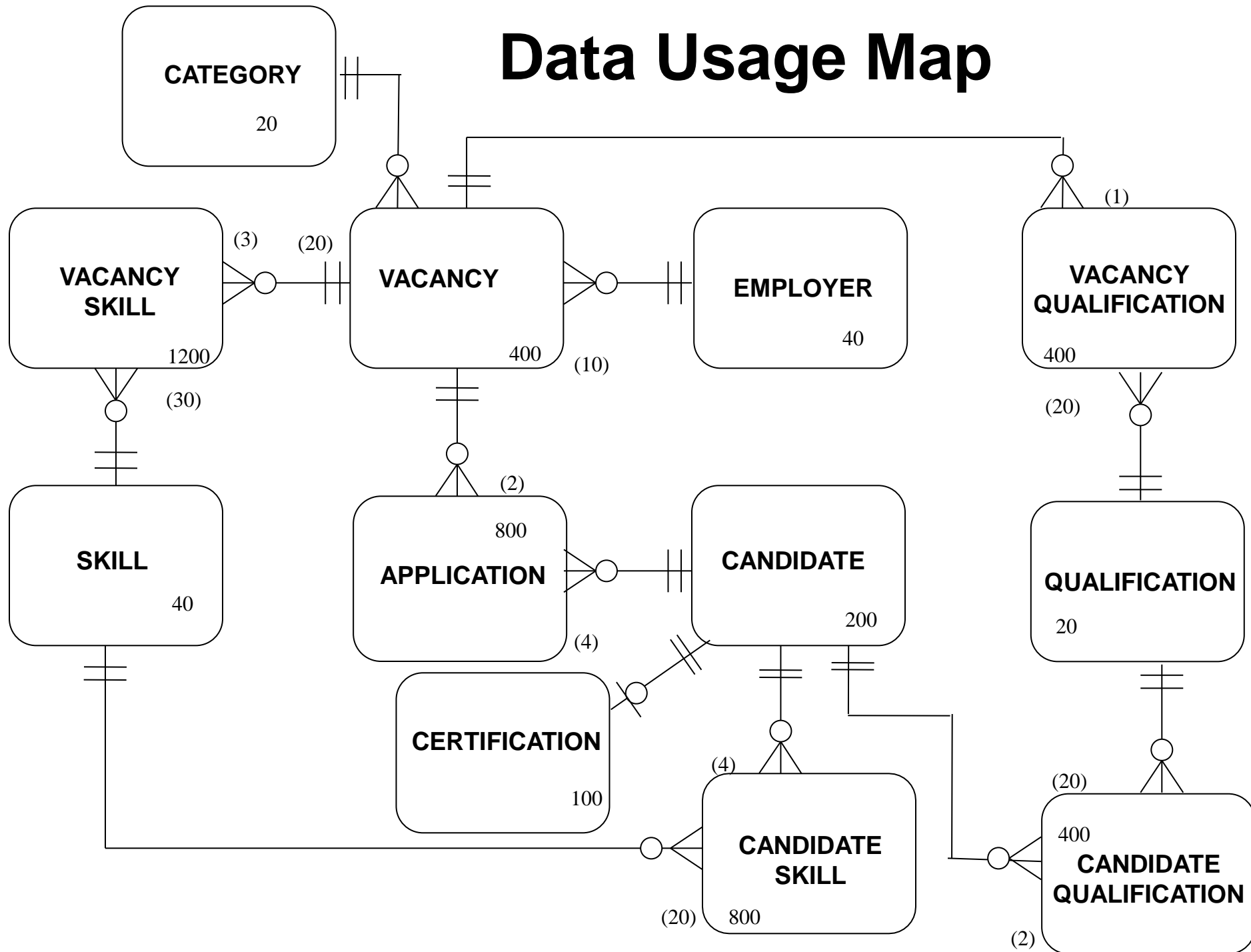
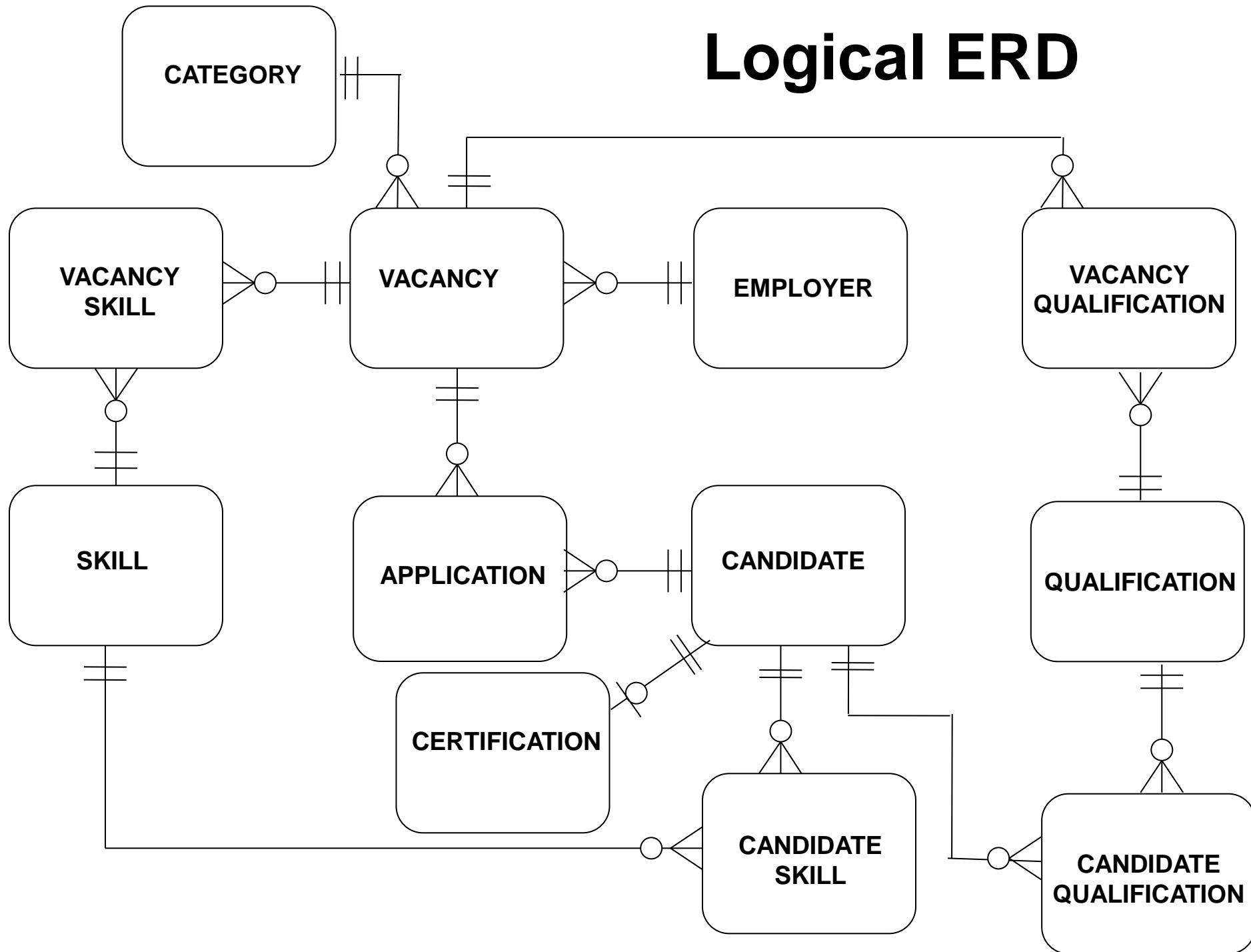


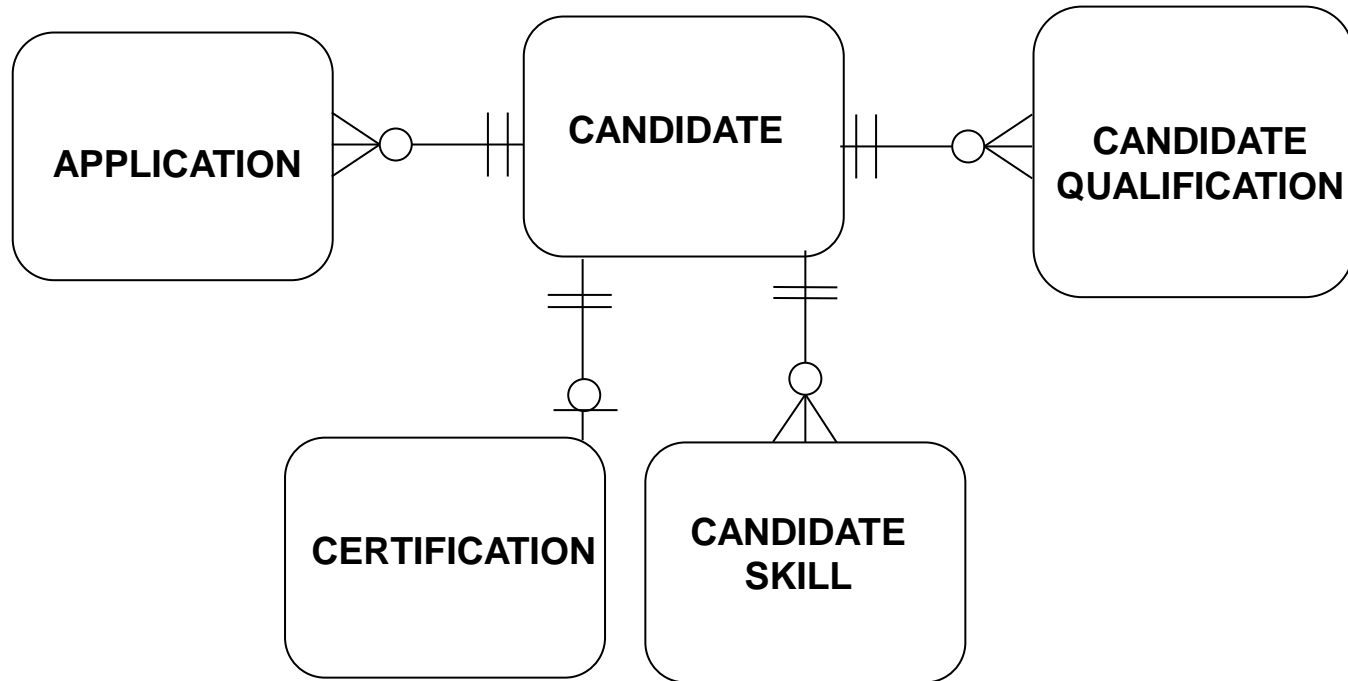
Data Usage Map



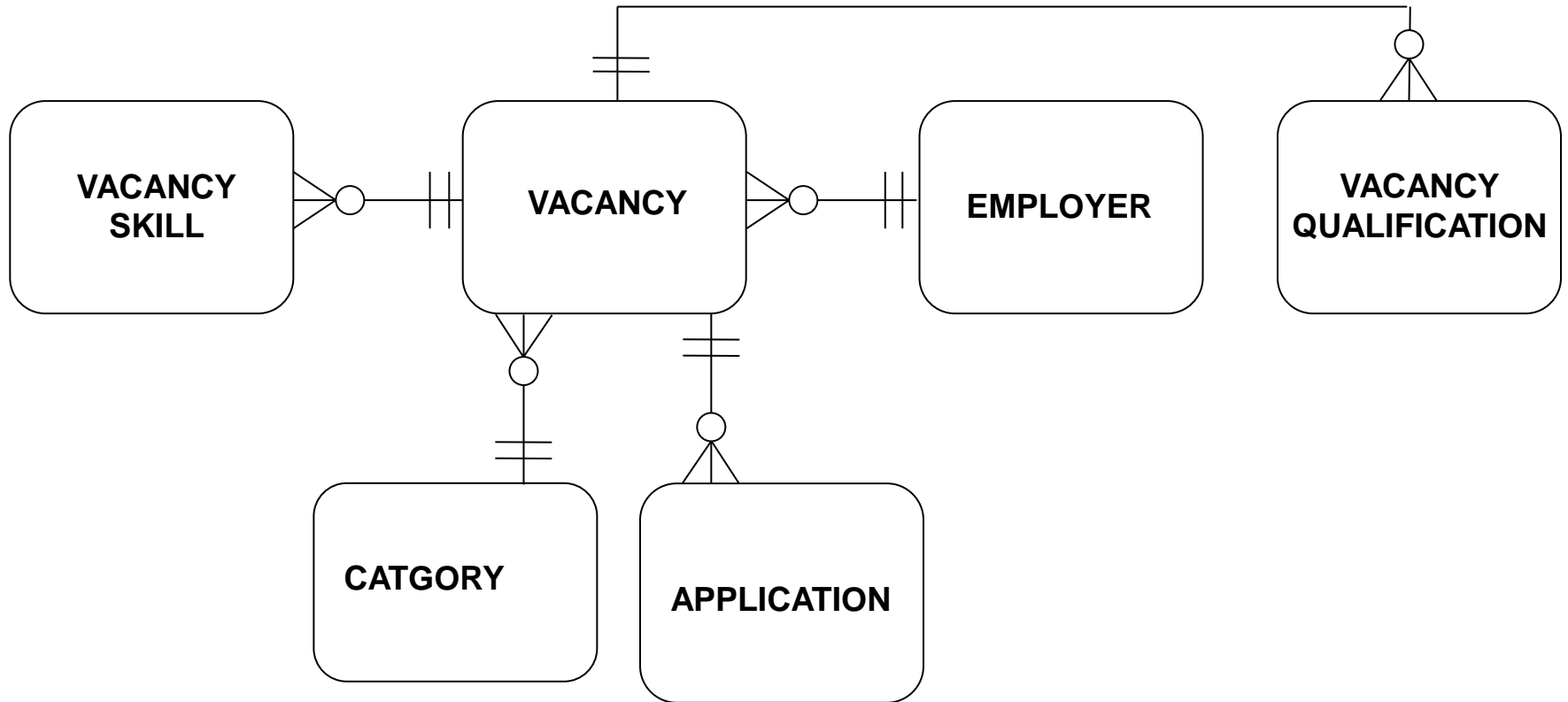
Logical ERD



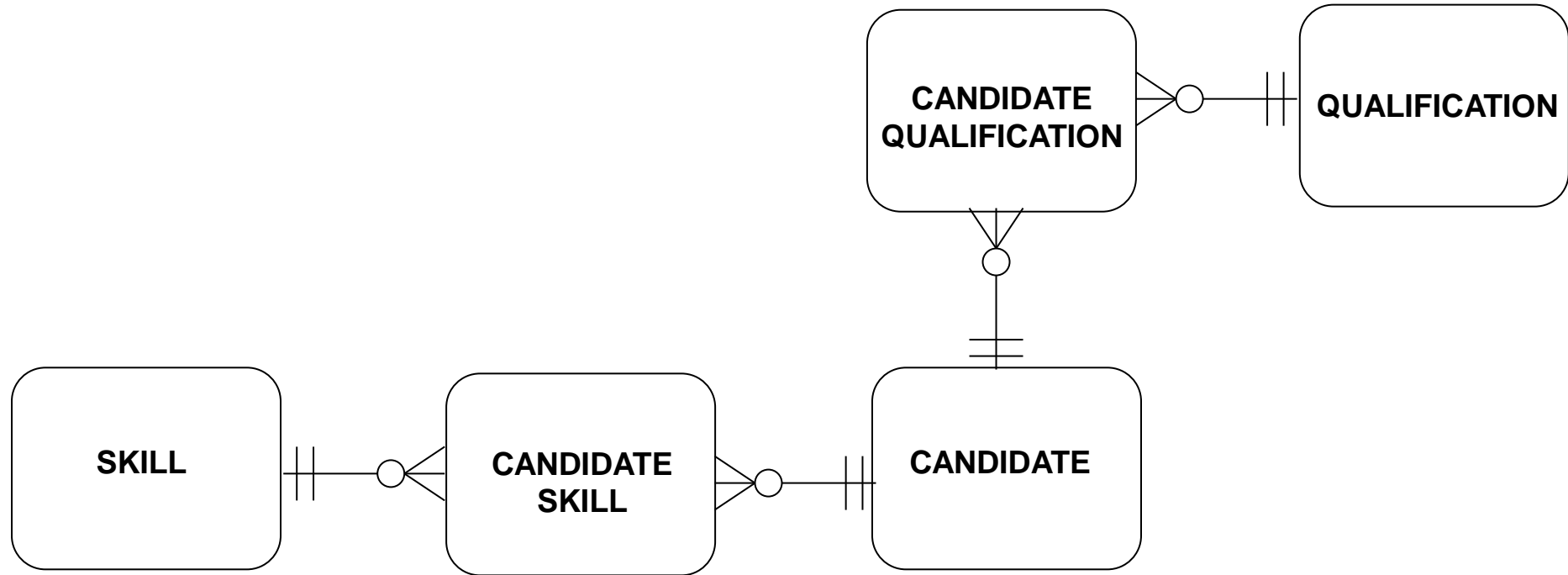
1) Enter, Modify or Delete Candidates: ERD



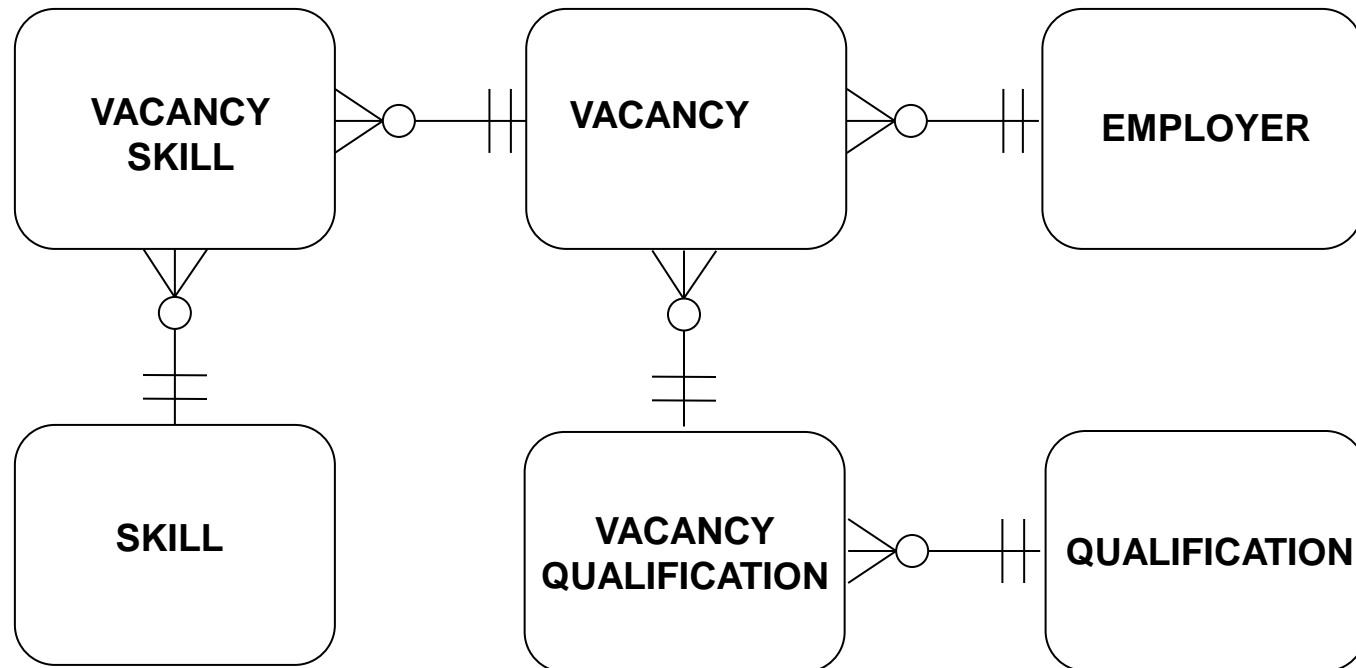
2) Enter, Modify or Delete Vacancies: ERD



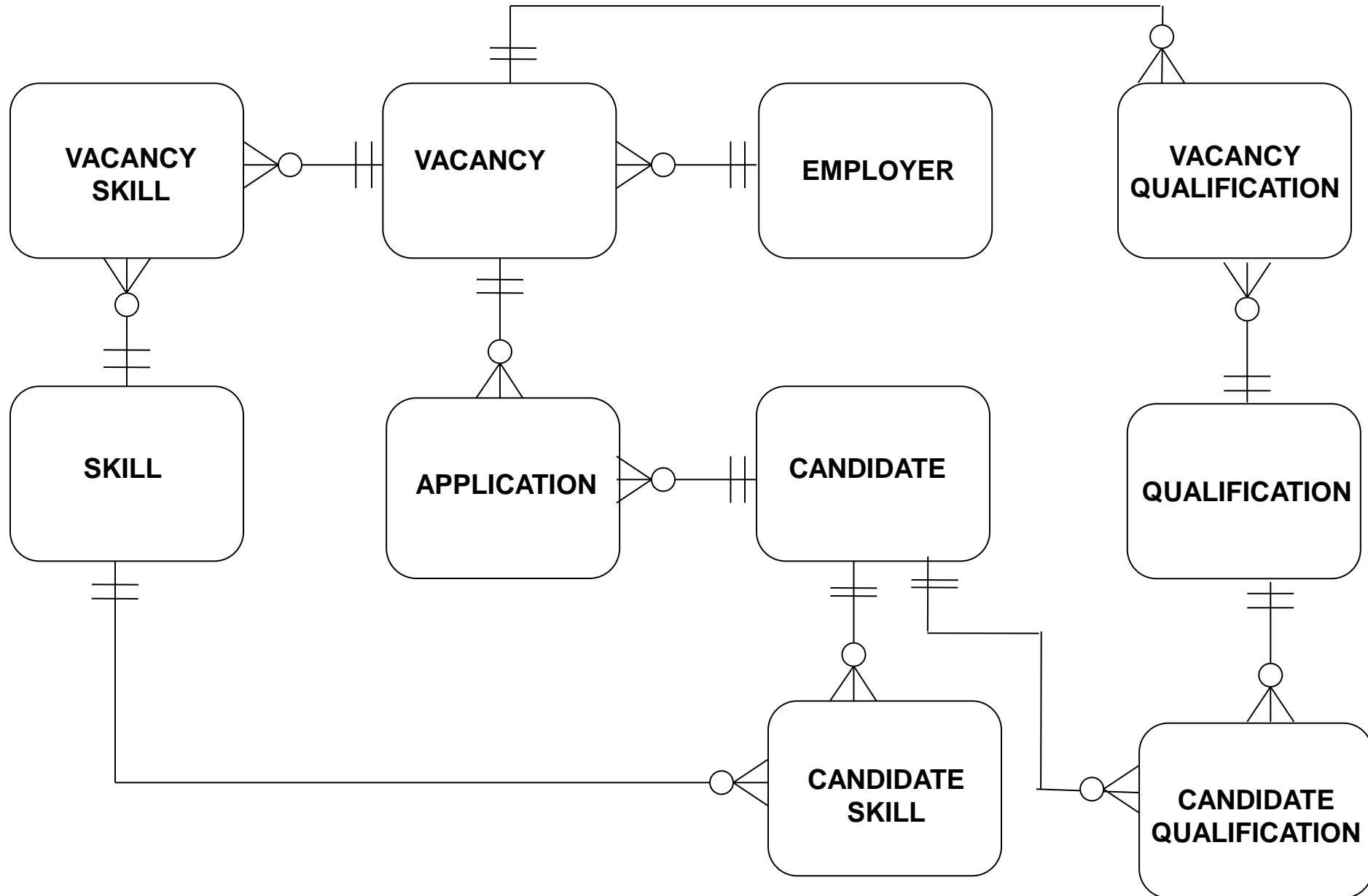
3) Add or Remove Skills or Qualifications to or from a Candidate: ERD



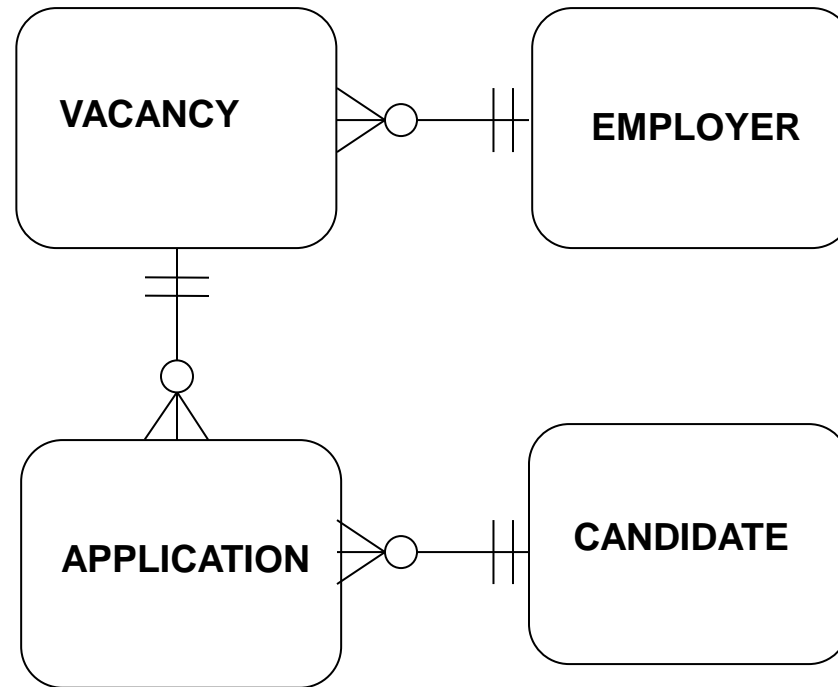
4) Add or Remove Skills or Qualifications to or from a Vacancy: ERD



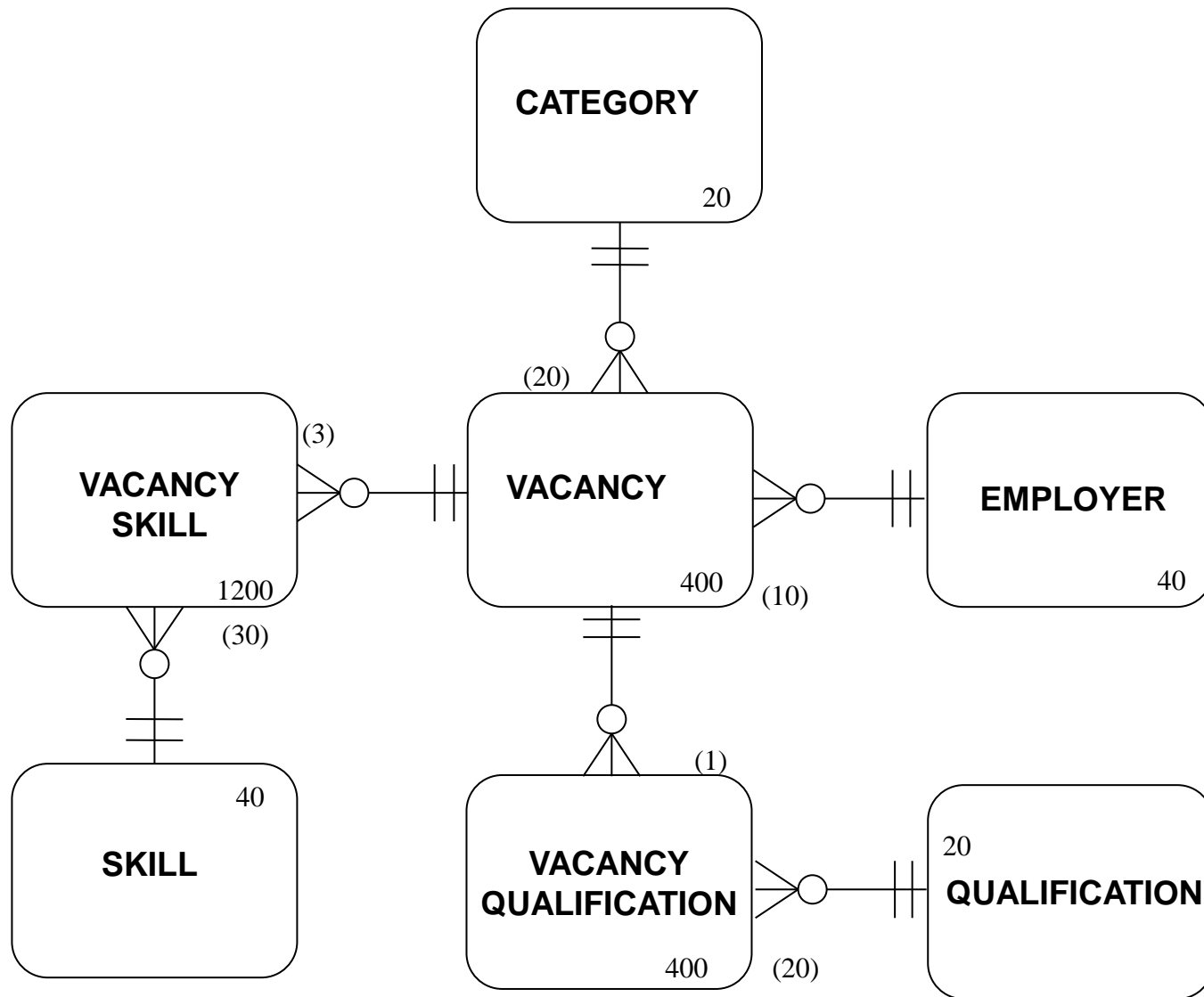
5) Apply a Candidate to a Vacancy: ERD



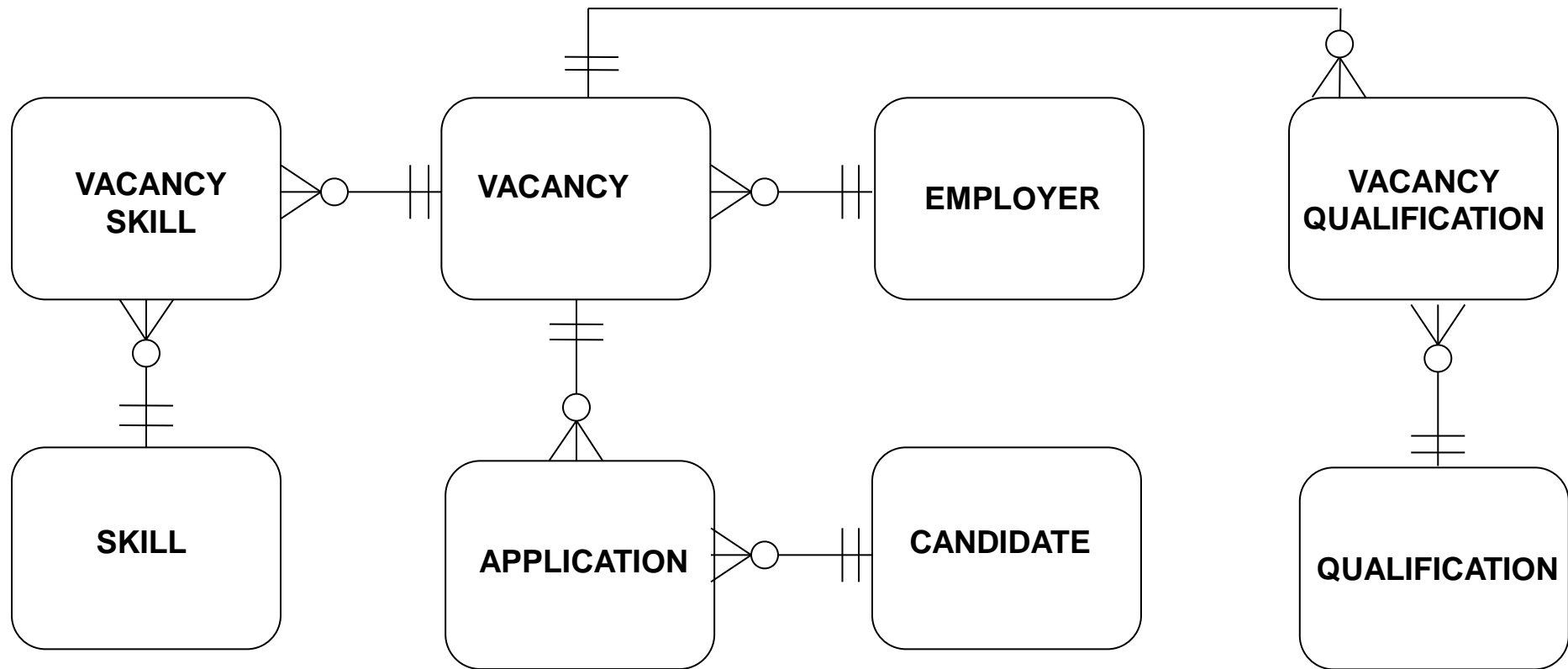
6) Mark a Vacancy as Filled: ERD



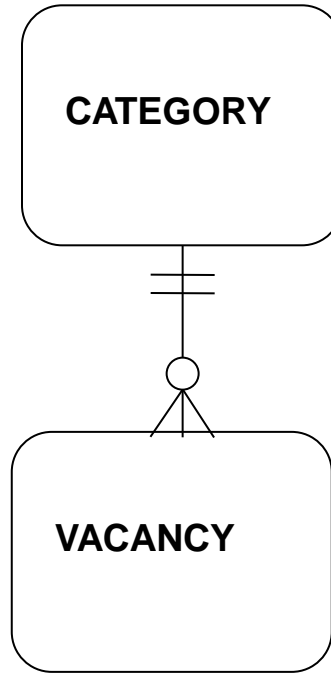
7) All Filled Vacancies: ERD



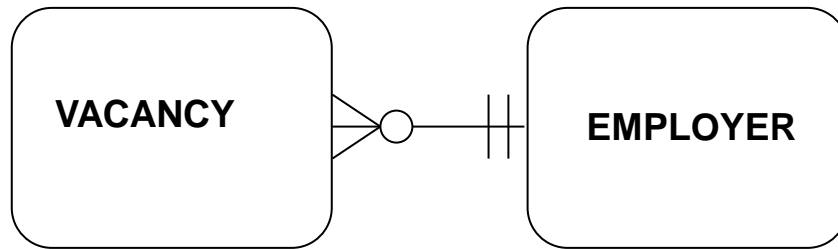
9) All Unfilled Vacancies with Candidates interested: ERD



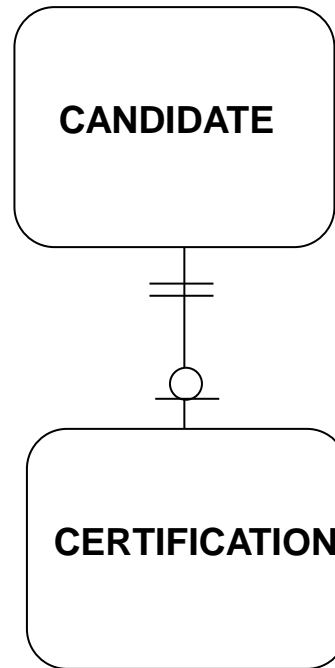
10) Vacancies by Category: ERD



11) Vacancies by Employer: ERD



12) All Candidates: ERD



Referential Integrity Constraints

- If a candidate is deleted, the candidate's skills are deleted as well.
- If a candidate is deleted, the candidate's certification is deleted as well.
- If a candidate is deleted, the candidate's qualifications are deleted as well.
- A category with vacancies cannot be deleted.
- A candidate with applications cannot be deleted.
- An employer with vacancies cannot be deleted
- A qualification with vacancies cannot be deleted.
- A qualification with candidates cannot be deleted.
- A skill with vacancies cannot be deleted.
- A skill with candidates cannot be deleted.
- A vacancy with skills cannot be deleted.
- A vacancy with qualifications cannot be deleted.
- A vacancy with applications cannot be deleted.