Iteration1

Step1

Skill(skill\_id, name, category)

Address(address\_id, country, city, street)

Group(group\_id, name, description)

Job\_offer(offer\_id, job\_title, description)

Office(office\_id, name)

File(file\_id, name, privacy)

Course(course\_id, name, code, credit)

Project(project\_id ,title, description)

Graduate\_level(grad\_id, name)

Department(dept\_id, name)

Faculty(faculty\_id, name)

Step2

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Step3

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Step4

Job\_offer(offer\_id, job\_title, description, address\_id, office\_id)

Project(project\_id ,title, description, course\_id)

File(file\_id, name, privacy, person\_id)

Course(course\_id, name, code, credit, dept\_id)

Project(project\_id ,title, description, course\_id)

Graduate\_level(grad\_id, name, dept\_id)

Department(dept\_id, name, grad\_id, address\_id)

Step 5

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Step 6

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Step 7

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Step 8

Person(person\_id, fname, lname, phone, mail, bday)

Teacher(teacher\_id, branch)

Student(student\_id, gpa, grade)

Member(member\_id, password)

Organization(org\_id, name, phone, mail, type)

Step 9

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Iteration 2

Step1

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Step2

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Step 3

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Step 4

Person(person\_id, fname, lname, phone, mail, bday,type, address\_id)

Teacher(teacher\_id, branch, dept\_id)

Group(group\_id, name, description, member\_id)

Office(office\_id, name, address\_id, org\_id)

Faculty(faculty\_id, name, org\_id)

Step 5

Educates\_in(start\_date, end\_date, gpa, grad\_id, person\_id)

Messages(from\_person\_id, to\_person\_id, title, context,date)

References(teacher\_id, referenced\_person\_id, date, context)

Knows(person\_id, skill\_id)

Teaches(teacher\_id, course\_id, semester)

Enrolls(student\_id, course\_id, semester, grade)

Works\_on(student\_id, project\_id, grade)

Recommends(member\_id, recommended\_person\_id, date, context)

Follows(member\_id, org\_id)

Works\_for(member\_id, start\_date, end\_date, job\_title, office\_id)

Applies(member\_id, status, date, address\_id, offer\_id)

Joins(member\_id, group\_id)

Connects(member\_id, connected\_member\_id)

Step 6

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Step7

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Step8

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Step9

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