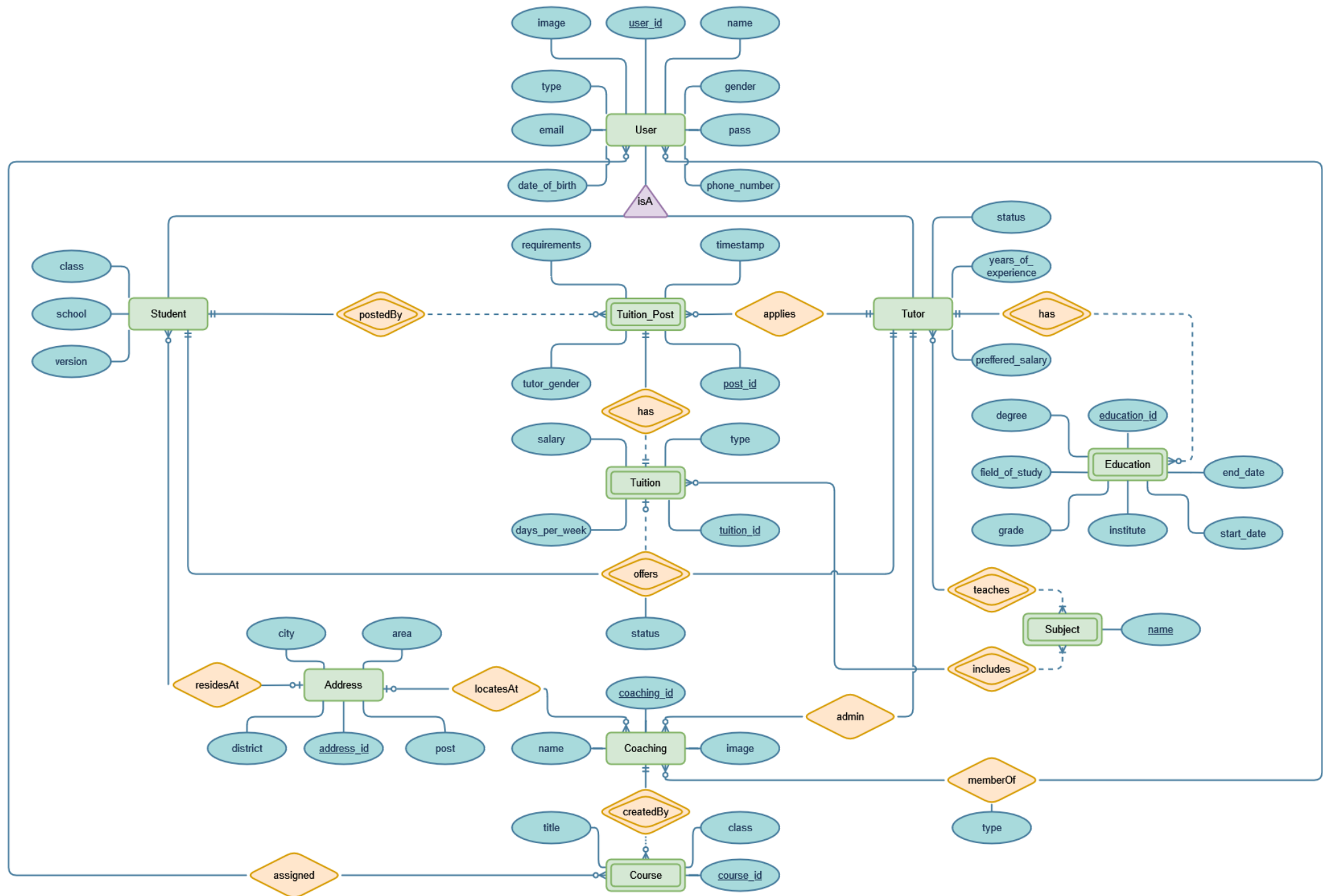


HIDDEN BRAIN

1905071 – Tareq Ahmed

1905072 – Mahir Labib Dihan



Entities:

- User (**user id**, name, email, pass, image, gender, type, phone_number, date_of_birth)
- Student (**student id**, class, school, version, address_id)
- Tutor (**tutor id**, status, years_of_experience, preferred_salary)
- Tuition_Post (**post id**, tuition_id, timestamp, desired_tutor_gender)
- Tuition (**tuition id**, salary, days_per_week)
- Coaching (**coaching id**, image, name)
- Course (**course id**, title, class)
- Address (**address id**, city, district, area, post)
- Education (**education id**, tutor_id, degree, field_of_study, grade, institute, start_date, end_date)

Relations:

- offers (student id, tutor id, tuition_id, status)
- memberOf (user id, coaching id, type)
- assigned (tutor id, course id)
- applies (tutor id, post id)
- teaches (tutor id, sub name)
- includes (tuition id, sub name)

Student:

- Create profile, edit profile, add profile picture, change password etc.
- Post tuition requests and offer tuition to interested tutors.
- Search for tutors and offer them tuitions or cancel tuition offers.
- Search for coachings, send request to join as a student or cancel join request.
- See list of tutors and coachings.
- See list of courses assigned by coachings.

Tutor:

- Create profile, edit profile, add profile picture, change password, add educational qualification etc.
- See all tuition posts and apply to them.
- Get tuition offers and accept/reject them.
- Search for coachings, send request to join as a tutor or cancel join request.
- See list of students and coachings.
- See list of courses assigned by coachings.

Coaching:

- Tutors can create coachings and became its admin.
- Admin can approve join requests of students and tutors in his coaching. Can remove them if they want.
- Admin can create/delete courses and assign courses to students and tutors.
- List of courses offered by the coaching.
- List of students-tutors studying/teaching in the coaching.



THANK YOU