Online learning platform for special children.

CSE 302-DBMS project

Group members:

1.Nazia Shehnaz Joynab(201914032)

2.Fairooz Nawar Nawme(201914033)

3.Sazia Tabasum Mim(201914040)

OBJECTIVES

- to build an online community of parents of these special children.so that emergency help comes right away in time.

- to improve learning capabilities, In some cases recognizing hidden talents in these children

- to help other special children farther by storing the datum of some extraordinary cases.

Naive Users

Doctor/Therapist	Name, contact no, email id, specializations, work address (hospital name), official working hours in our platform, appointments, invoices, information about past treatments
Nurse	Name, contact no, working hours, students (that she is supposed to take care of)
Teacher/educator	Name, contact no, email, working hours,offered course contents, skills
Student	Name, age, gender,type of autism , and the ans to the questions: – what kind of repetitive behaviour does he have? – how much communication skill does he have? – does he repeat one thing/if yes, then about what topic he keeps talking – does he have any particular behavioural likings or dislikings – can he/she recognize images – how much enrich is his/her vocabulary – does he have any daily routine that he follows strictly – what are his learning interests, special skills – what are his hobbies?

Language/tools:

Frontend tools:
1.html, css ,js

Backend:
1.ORACLE Database
2. php/nodejs Scripting language

Features:

1. The registered doctors/ nurse/ teachers / students can register an account.

2. While doing registration, all the information about the autistic child will be stored so that when an appoinment is booked, then these information can be passed to the doctor.

3. The doctor will determine if the child is autistic or not,
if yes, then he will suggest the course curriculums/therapy/diet/routine for that child,
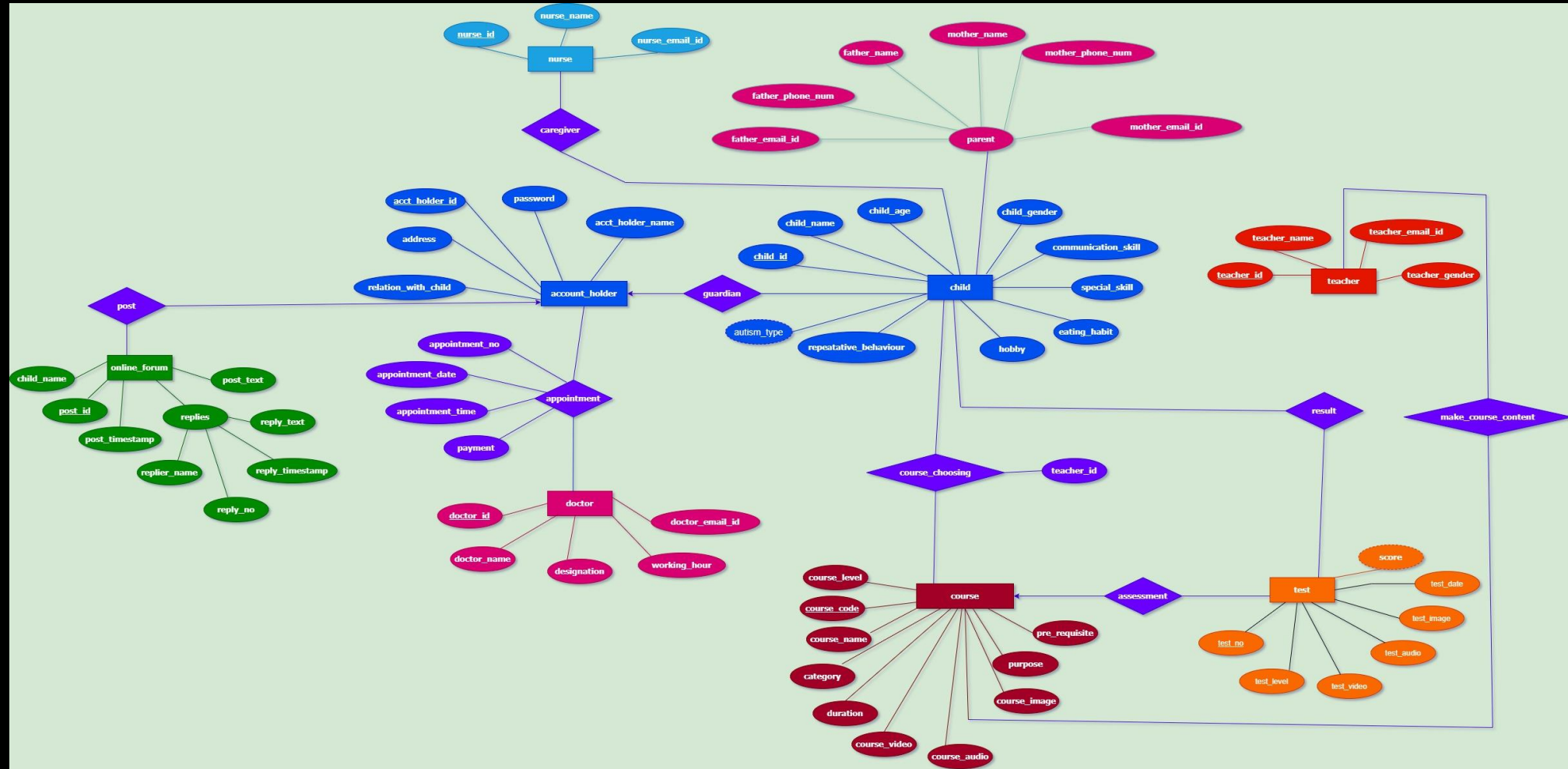if no, speech and language therapy can be given

Features:

4. Weekly home visits by a special education teacher

5. We will create some online learning tools based on the profile of an autistic child

- such as teaching behavioural patterns (storing images of emotions i.e a sad person/happy person)

- showing documentaries(showing videos) based on their interests

- if a child is autistic but intelligent, then we can give some mathematical problems, language learning program

- based on how far they could go in the course, or some tests afterwards their learning we can update their improvement/deterioration, and on basis of this segment we can update their learning methods as well

Thank you.

ER DIAGRAM

SCHEMA DIAGRAM