develop a system that will enable authentication using at least three
different services (for example Facebook, Twitter and Google). Furthermore, based
on the authenticated user's access rights (some aspects of Role-based access
control
need to be considered), the system will forward the user's request to different
destinations. A detailed scenario is provided below:

• You should implement a web application that supports multiple external
authentication services, e.g. Google, Facebook and Twitter.

• Depending on the choice of the authorization service, the user should be
assigned a different role and has access to different resources and features.

o The user should be allowed to log in the system via Google, Facebook
or Twitter links.

o Once the user is authenticated,

§ If the user is a patient, than she/he should be given a list of
youtube videos regarding the Parkinson's Disease (PD)
exercises.

§ If the user is a physician, she/he should be able to view hers/his
patients data/files as well as their activity.

§ If the user is a researcher, she/he should be able to see all
hers/his patients data/files as well as their activity (researchers
are also physicians). In addition, the researcher should also
view latest news regarding the PD research from a
corresponding RSS feed[1].

Note: A specific set of UML diagrams, Entity-Relationship diagram and a MySQL
database dump will be offered to specify a list of researchers, physicians, and
patients.

The patients data is added as a separate compressed file with individual csv files
that
are referenced in the DB dump. Use the offered database in the backend of your
system. You will be required to complement the set of allowed users in the system
for
user-role management.

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