Code Documentation

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1 Project overview

Comment: Insert list of all files and directories and possibly a small description of each one.

2 Structure of stored data

3 Private DICOM tags

4 Formatting specifications

4.1 Commas and Dots (presenting floats)

4.2 Dates and timestamps

5 ae_controller

6 API

Comment: REST design

7 Database design

8 Add a panel to admin panel / Database

Introduction

To enable database manipulation / editting without using tools like DB broswer and their like. There's a admin panel, that allows editting of DB entries. The following is a guide on how to edit the codebase s.t. it can display a new table

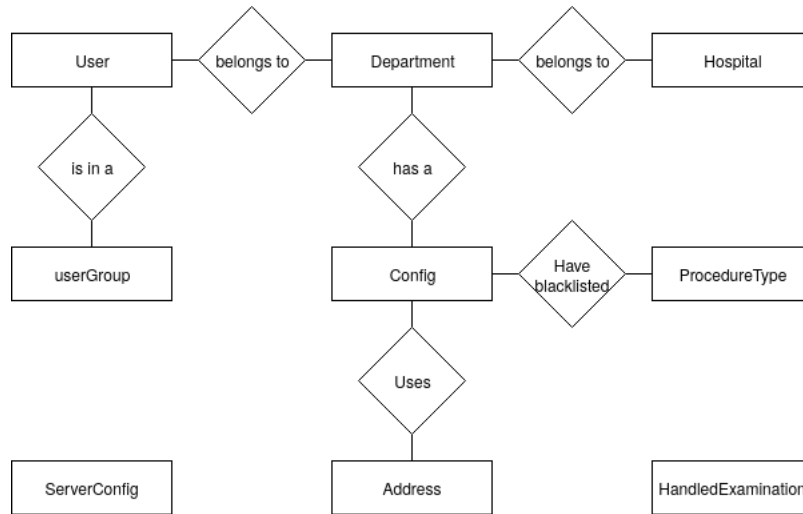1. Add the database schema by creating a model class in *main_page/models.py* file.

Figur 1: Database relationship diagram

2. Update the database by calling the django commands make migration and migrate.

3. Create the class **Edit<model name>Form** corosponding to the edit form and the class **Add<Model name>Form** corosponding to the adding form in the *main_page/forms.py* file

4. Add an Endpoint by adding the class **<model name>EndPoint** in the *main_page/views/api/api.py* file.

5. Update *main_page/url.py* with the endpoint created in step 4, remember to create 2 endpoints for displaying and for accessing an object.

6. In the classes **AdminPanelEditView** and **AdminPanelAddview** found in the *main_page/views/admin_panel.py* file, add an entry with to the dictionary **MODEL_NAME_MAPPINGS** with the model from step one in both classes. Add an Entry to the dictionary in the:
EDIT_FORM_MAPPINGS / **ADD_FORM_MAPPING** in the respective classes with the form you created in step 3.

7. Update the javascript in the files *main_page/static/main_page/js/admin_panel.js*, *main_page/static/main_page/js/admin_panel_add.js* and *main_page/static/main_page/js/admin_panel_edit.js*

8. Add the option to the button in the admin

Total list of files that require to be edittede

main_page/

forms/

  * model_add_forms.py
  * model_edit_forms.py

– models.py

– urls.py

views/:

  * admin_panel.py

    api/

      · api.py

static/main_page/js/

  * admin_panel.js
  * admin_panel_add.js
  * admin_panel_edit.js

template/main_page/admin_panel.html