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MUTEGIbeatrice UPDATES 2 ...   Latest commit 0343527 2 days ago   ⊙ History

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```
 1   """
 2   Django settings for Group2 project.
 3
 4   Generated by 'django-admin startproject' using Django 4.1.3.
 5
 6   For more information on this file, see
 7   https://docs.djangoproject.com/en/4.1/topics/settings/
 8
 9   For the full list of settings and their values, see
10   https://docs.djangoproject.com/en/4.1/ref/settings/
11   """
12
13   from pathlib import Path
14
15   # Build paths inside the project like this: BASE_DIR / 'subdir'.
16   BASE_DIR = Path(__file__).resolve().parent.parent
17
18
19   # Quick-start development settings - unsuitable for production
20   # See https://docs.djangoproject.com/en/4.1/howto/deployment/checklist/
21
22   # SECURITY WARNING: keep the secret key used in production secret!
23   SECRET_KEY = 'django-insecure-89v3do6quy)n(f!x51)=g!04shpghl-7vf^q@fuk-alxs4)!*$'
24
25   # SECURITY WARNING: don't run with debug turned on in production!
26   DEBUG = True
27
28   ALLOWED_HOSTS = []
29
30
31   # Application definition
32
33   INSTALLED_APPS = [
34       'django.contrib.admin',
35       'django.contrib.auth',
36       'django.contrib.contenttypes',
37       'django.contrib.sessions',
38       'django.contrib.messages',
39       'django.contrib.staticfiles',
40
41       'django_password_validators',
42        'django_password_validators.password_history',
43
44       'internetForensics'
45   ]
46
47   MIDDLEWARE = [
48       'django.middleware.security.SecurityMiddleware',
49       'django.contrib.sessions.middleware.SessionMiddleware',
50       'django.middleware.common.CommonMiddleware',
51       'django.middleware.csrf.CsrfViewMiddleware',
52       'django.contrib.auth.middleware.AuthenticationMiddleware',
53       'django.contrib.messages.middleware.MessageMiddleware',
54       'django.middleware.clickjacking.XFrameOptionsMiddleware',
55
56
57
58   ]
59
60   ROOT_URLCONF = 'Group2.urls'
61
62   TEMPLATES = [
63       {
64           'BACKEND': 'django.template.backends.django.DjangoTemplates',
65           'DIRS': ['templates'],
66           'APP_DIRS': True,
67           'OPTIONS': {
68               'context_processors': [
69                   'django.template.context_processors.debug',
70                   'django.template.context_processors.request',
71                   'django.contrib.auth.context_processors.auth',
72                   'django.contrib.messages.context_processors.messages',
73               ],
74           },
75       },
76   ]
77
78   WSGI_APPLICATION = 'Group2.wsgi.application'
79
80
```

```python
 81    # Database
 82    # https://docs.djangoproject.com/en/4.1/ref/settings/#databases
 83
 84    DATABASES = {
 85        'default': {
 86            'ENGINE': 'django.db.backends.sqlite3',
 87            'NAME': BASE_DIR / 'db.sqlite3',
 88        }
 89    }
 90
 91
 92    # Password validation
 93    # https://docs.djangoproject.com/en/4.1/ref/settings/#auth-password-validators
 94
 95    AUTH_PASSWORD_VALIDATORS = [
 96        {
 97            'NAME': 'django.contrib.auth.password_validation.UserAttributeSimilarityValidator',
 98            'OPTIONS': {
 99                'max_similarity': 0.7,
100                'user_attributes': ("username", "first_name", "last_name", "email")
101            }
102        },
103        {
104            'NAME': 'django.contrib.auth.password_validation.MinimumLengthValidator',
105            'OPTIONS': {
106                'min_length': 8,
107            }
108        },
109        {
110            'NAME': 'django.contrib.auth.password_validation.CommonPasswordValidator',
111        },
112
113        {
114            'NAME': 'django.contrib.auth.password_validation.NumericPasswordValidator',
115        },
116        {
117            'NAME': 'django_password_validators.password_history.password_validation.UniquePasswordsValidator',
118            'OPTIONS': {
119                'last_passwords': 5 # Only the last 5 passwords entered by the user
120            }
121        },
122        {
123            'NAME': 'django_password_validators.password_character_requirements.password_validation.PasswordCharacterValidator',
124            'OPTIONS': {
125                'min_length_digit': 1,
126                'min_length_special': 1,
127                'min_length_lower': 1,
128                'min_length_upper': 1,
129                'special_characters': "~!@#$%^&*()_+:;'[]"
130            }
131        },
132    ]
133
134
135    # So as to keep updating the expiry time with every request
136
137    SESSION_SAVE_EVERY_REQUEST = True
138
139    PASSWORD_EXPIRE_FORCE = True #to force password change
140
141
142    PASSWORD_EXPIRE_EXCLUDE_SUPERUSERS = True #to exclude superusers from the password expiration
143
144
145    # Internationalization
146    # https://docs.djangoproject.com/en/4.1/topics/i18n/
147
148    LANGUAGE_CODE = 'en-us'
149
150    TIME_ZONE = 'UTC'
151
152    USE_I18N = True
153
154    USE_TZ = True
155
156
157    # Static files (CSS, JavaScript, Images)
158    # https://docs.djangoproject.com/en/4.1/howto/static-files/
159
160    STATIC_URL = 'static/'
161
162    # Default primary key field type
163    # https://docs.djangoproject.com/en/4.1/ref/settings/#default-auto-field
164
165    DEFAULT_AUTO_FIELD = 'django.db.models.BigAutoField'
166
167    import os
```