Rodrigo Juez and José Manuel Freire

PSI - weeks 3 and 4

Group 1391

Django Architecture

Django is a web framework that uses the model-controller-views architecture. This means the pattern is composed of 3 types of elements.

Model: The model is the data of the application and it is composed by the information in the database and the models in python, which are the python adaptation of the data from the database.

Views: The view is the part of the application that arranges the elements that are going to be displayed. It sets everything that is going to be on screen. It is composed of templates.

Controller: The controller relates the views with the model, making the desired data from the model to appear on the screen through the views. It also has the urls of the web, so it sorts the content of the site and makes them accessible or not.

Also in the diagram, we can see that the application we use has control over the views, the models and part of the controller. The only thing that is part of native django is the base of the urls and the database.

Link to our page: https://warm-sands-67755.herokuapp.com/

Coverage:

Name	Stmts	Miss	Cover	Missing
rango/__init__.py	0	0	100%	
rango/admin.py	10	0	100%	
rango/apps.py	3	3	0%	1-5
rango/forms.py	36	3	92%	42-45
rango/migrations/0001_initial.py	6	0	100%	
rango/migrations/0002_auto_20201011_1801.py	4	0	100%	
rango/migrations/0003_auto_20201011_1808.py	4	0	100%	
rango/migrations/0004_category_slug.py	4	0	100%	
rango/migrations/0005_auto_20201012_1250.py	4	0	100%	
rango/migrations/0006_page_last_visit.py	5	0	100%	
rango/migrations/0007_userprofile.py	6	0	100%	
rango/migrations/__init__.py	0	0	100%	
rango/models.py	32	1	97%	45
rango/templatetags/__init__.py	0	0	100%	
rango/templatetags/rango_template_tags.py	6	0	100%	
rango/urls.py	4	0	100%	
rango/views.py	111	19	83%	55-56, 64, 89-93, 100-101, 117-120, 146-149, 171-174, 181, 186-187
TOTAL	235	26	89%	