

RESTful API — Assignment 1

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In assignment 1, you need to create the model, serializer, views, and urls for Kanban card¹, which has the following fields:

1. `title`: as a required string (cannot be blank)
2. `description`: as a optional string
3. `status`: as a required string

The Kanban card APIs should be

GET `/cards`

POST `/cards`

with JSON request body of `title`, `description`, and `status`

GET `/cards/1`

PUT `/cards/1`

with JSON request body of `title`, `description`, and `status`

DELETE `/cards/1`

Please follow the simple approach we did in class 1.

Bonus points: (We have not talked about them yet.)

1. make `title` unique and check the error message in Postman if you POST a card with the same title
<https://docs.djangoproject.com/en/2.1/ref/models/fields/#unique>
2. make `status` values from the choices of `'to-do'`, `'in-process'`, or `'done'`, and check the error message in Postman if you POST a card with a different status
<https://docs.djangoproject.com/en/2.1/ref/models/fields/#choices>

Please zip the top-level project folder and submit the zip file.

¹ <https://www.planview.com/resources/articles/what-is-a-kanban-card/>