

TASK (Django - Pluggable Rule Engine)

Build a small Django project with:

1. A model Order(total, items_count)

Seed 3 example orders.

2. A pluggable rule engine

A rule is a class that:

- ★ Receives an Order
- ★ Returns True/False

Rules must be auto-registered so new ones can be added without modifying existing code.

Implement 3 rules:

- ★ Total > 100
- ★ Items_count \geq 2
- ★ Total is divisible by 5

3. API Endpoint

Request body

POST /rules/check/

```
{  
    "order_id": 1,  
    "rules": ["min_total_100", "min_items_2"]  
}
```

Expected Response

```
{  
  "passed": true,  
  "details": {  
    "min_total_100": true,  
    "min_items_2": false  
  }  
}
```

Create a public repo in your personal GitHub account and organize your commits as you would in a real project. Once you're done, reply to this email with the GitHub repo link on or before 1:00pm on Monday, 12th of January 2026.