

SPACE-Y BACKEND ASSIGNMENT

You are supposed to build the backend only in Django and [Django Rest Framework](#) using [Generic Views](#) with the Postgres database.

Statement

Build a backend for an on-counter billing system for a small-scale shopping mall.

Features

- The application must be able to do the following at least(Mandatory Features)
 - Authenticate employees
 - Add, Update, and Delete products to/from the system
 - Add, update, and delete customers
 - Bill customer(Only cash payment method - No need for any integrations)
- Deploy the code on one of the cloud platforms like AWS, Google Cloud, Azure, Heroku, or Python Anywhere, and share the URL along with the GitHub URL.
- Make sure the Postgres database is hosted as well so the application works.
- Make sure the APIs are browsable via the swagger interface using something like [drf-spectacular](#)

Bonus Features

- Analytics API which tells which user(employee) made the maximum sales, which product sells the most etc.
- Use [cookiecutter](#) to initiate the project(No docker required)
- Support JWT for authentication

Judgement Criteria

- High-quality code and turnaround time will matter the most.
- Well-thought database fields are critical. It shows that you understand business and you can take ownership and help the business grow with your technical skills.