

# Writeup

## Medkart (Capstone Project)

GitHub link - <https://github.com/abhipraysingh/BulkyBook>

The project is based around MVC architecture using ASP .NET 6.0. This application is also deployed on Azure server.

<https://medkart.azurewebsites.net/>

### User side

- Users can register themselves and browse through the products.
- User clicks on details and has a detailed description of the product.
- Users can add the product in the cart and place the order, when the user places the order they are redirected to a Stripe(Api for payments) payment page, Payments can be based through a test card.

**Card Number is 4242 4242 4242 4242, Expiration is any future date (for eg- 09/24) and 3 digit number for CVV (eg - 123).**

After the test transaction is successful, users can view all their placed orders and check their status.

### Admin Side

- A default admin is seeded into database with credentials **username - admin@medkart.com, Password - Admin123\***.
- Default admin can register other users as admins.
- Admin can create,edit and delete categories for different requirements such as Stomach, Fever, Mental Health, etc.
- Admin can create,delete and edit cover types which basically is a form of medicine examples being - syrup, tablet, tonic, ointment, powder etc.

- Admin can create,edit and delete a particular product. Admin can add a detailed description, upload an image and all the necessary prices, Category and Cover type for medicine are available to select as dropdowns.
- Admin can view the list of all the orders placed by users and edit some basic details if required by request of individual users.

## External Functionalities

- **Stripe Payment Gateway** - A payment gateway api has been used for transaction purposes.
- **Toastr Alerts** - An API for alerts, This alert is called every time an admin performs any kind of create,edit or delete.This notification is smoother and elegant than the Alerts we have on browser.
- **SweetAlerts** - API for alerts but for different purposes such as if admin doesn't add an image it will get a pop up on the image to upload the image.
- **DataTables** - API for data to show in a tabular way, allows to search and sort through the table columns.

## Work In Progress (extra functionality)

- **Company Type User** - Admin can also add companies under the Content Management tab, Now companies can be used to make a company user. A company user is for now a concept that they get relaxation in payment for 30 days. Company users can place an order and when the order is delivered to them. They have 30 more days to make the payment for the order. To register as a company user, First admin has to create some companies. Admin can create a company user by clicking on the role as company user while creating a user.