

Assignment-3 (Part-1)
Requirement Document

ONLINE BOOKSTORE

Team Name: Group 598- Daredevils

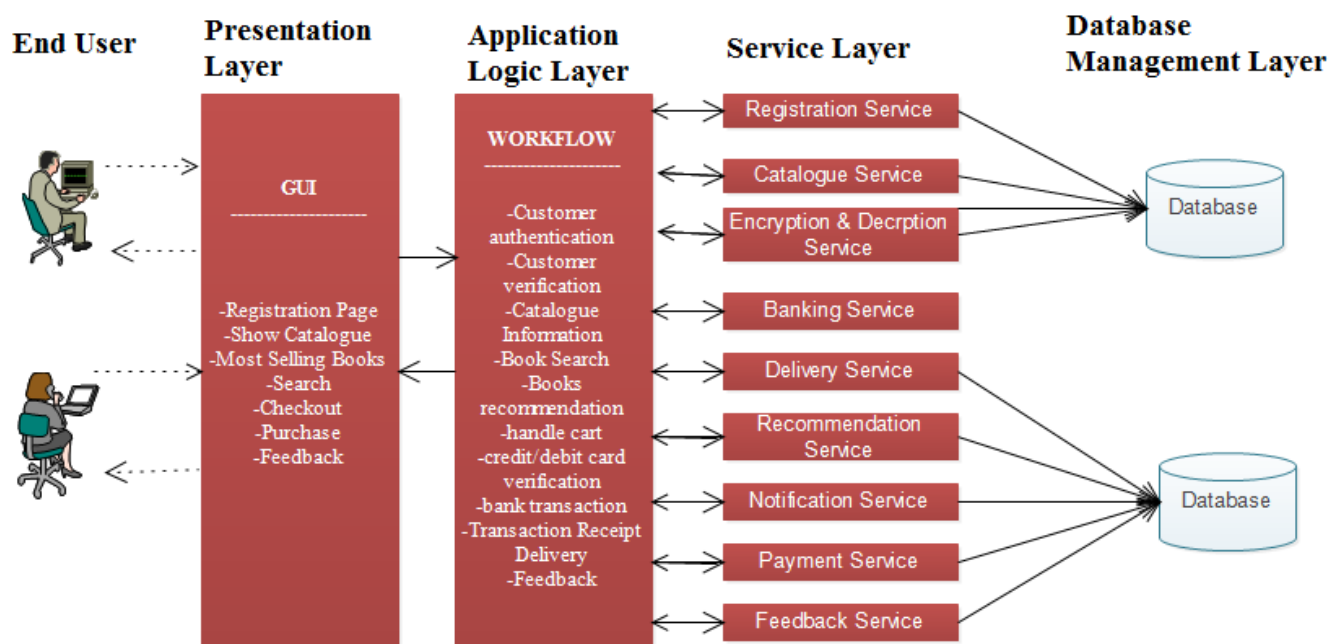
Team Members:

- Sushma Reddy Banda
- Mohit Motiani
- Rachita Satyasi

SERVICE-ORIENTED COMPUTING SYSTEM DESCRIPTION:

- It is an online bookstore web application where anyone can requests for the book online.
- Books purchased online are at less price when compared to other places. This application provides a catalogue service in which customer can find the book of his/her preference. Catalogue also provides the list of Best (popular) books which are in demand by most of the customers. One can see the available books in the catalogue.
- Add to cart service is available for the customers who want to purchase books. Delivery of book to the customer is also provided in this application.
- Recommendation service is available for the frequently visited customers and based on this, special discount is also offered to them through discount service. Discount is also available to the customers if the purchase amount passes the certain limit.
- Feedback service is available to take the feedback and make necessary improvements.
- Notification service is also being implemented in the application to provide the regular customers a notification when there is some discount on books.
- A banking service is also available for purchase of books. Encryption and Decryption services are available to make the sensitive information (such as credit card no) secure.

SYSTEM DESIGN:



SERVICE DESCRIPTION

This page is deployed at:

This project is developed by: Group 598- **Daredevils**

Provider name	Service name, with input and output types	Try It link	Service description	Planned resources need to implement the service
Sushma Reddy Banda	Registration Service Input: Username, email id, password, confirm password Output: Account for a new customer will be created.		Register an account for a new customer.	Use library class and local component to implement the service.
Sushma Reddy Banda	Notification Service Input: No Output: Flag notifying discount		Notifies the frequently visited customer regarding discount offers.	Use library class and local component to implement the service.
Sushma Reddy Banda	Feedback Service Input: Message in string. Output: No		Customer will provide feedback at the end of purchase	Use library class and local component to implement the service.
Mohit Motiani	Encryption and decryption Input: String Output: String		Use for the encryption and decryption of card details of the customer.	Use library class and local component to implement the service.
Mohit Motiani	Banking service Input: card details Output: Flag notifying valid or invalid		Verifies card details entered by the customer.	Use library class and local component to implement the service.
Mohit Motiani	Catalogue Service Input: No		Will display the catalogue containing the details of the books.	Use library class and local component to implement the service.

	Output: detail table of contents and list of books.			
Rachita Satyasi	Book Availability Input: Book Name in string Output: Flag notifying availability of book.		Will check whether the requested book is available in stock or not.	Use library class and local component to implement the service.
Rachita Satyasi	Delivery Service. Input: address of the customer, zipcode and contact information Output: Status of delivery		Use to deliver the order to the customer at his/her desired location.	Use library class and local component to implement the service.
Rachita Satyasi	Payment Service Input: Card details Output: Payment Receipt		This service will be used for payment at the time of checkout.	Use library class and local component to implement the service.