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RESTful Application

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# Technologies used :

1)Nodejs

2)Express

3)MongoDB

4)Rest Architecture

5)HTML

6)Javascript

7)Bootstrap

8)Ajax

Node.js is an open source cross platform Javascript runtime environment built on google chrome’s Javascript V8 engine , that will enable better , efficient , faster execution as compared to Javascript. Express is an application framework for Node.js used for building web applications and APIs.

MongoDB is a database that is used when the database requires a lot of insertions ,and lesser querying .It is widely used in cloud computing environments because of reliability even in unrealiable environments.It is also highly scalable.

We are developing this on the REST Architecture which uses HTTP concepts for requests.

HTML,Javascript,Bootstrap,Ajax are used at the client side.

Slno HTTP requests Request Type

1 Create/Remove a category : POST

2 Add a book and its description, price, #copies under a category : POST

3 Query for all books in a category (query must return 10 books at a time): GET

4 Determine the price of book : GET

5 Remove a book from the inventory after it is selected. : DELETE

6 Remove a book when it is no longer in stock : DELETE

7 Modify the price of the book : PUT

REASONS

Slno REASON

1 More data from client and less data from server(sending the category) .

2 More data from client and less data from server (sending the information entered by the client).

3 Less data from client and more data from server(All the books queried).

4 Less data from client and more data from server(All the details of a book are got).

5 Delete a book , so we use delete.

6 Delete a book , so we use delete.

7 Put is used for all modification purposes.