REST API

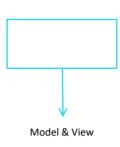
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REST => Representational state transfer.

Note: REST APIs expose resource via http endpoints like

- 1. Get /products
- 2. Post /products
- Get /product/{id}
- 4. PUT /product/{id}
- 5. DELETE /product/{id}
- 6. PATCH /product/{id}



Understanding HTTP status code:

200 OK -> Success(Get, Put, Delete)

201 Created -> Succes(POST)

204 No content -> success without response body

400 Bad Request -> client error (invalid input) -> missing field, validation error

401 Untheorized -> Not Authenticated

403 Forbidden -> Authenticated but no access

404 Not found -> resource not found

500 Internal server error - > server-side bug

Project: Design Rest API for a boot resource.

Entity: Book

Book:

-id

-title

-author

-price

Define restful points

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Operation	Http Methods	Url	Des
Get all books	GET	/books	Fetch list of all books: 200 ok
Get a book by ID	GET	/book{id}	Fetch a single book: 200 OK, 404
Add new book	POST	/books	Create new Book : 201 created, 404

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