



Dhirubhai Ambani Institute of Information and
Communication Technology

IT314 Software Engineering Course Project

Renting System



Backend API Information

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Group 06

❖ Format for responses from API

Successful Response	Any Erroneous Response
<pre>{ error: false data/msg: data/msg }</pre>	<pre>{ error: true msg: error details }</pre>

1) **POST - /buyer/register** - For registering new buyer

Request Data firstname,lastname,address,email,password (min length 8)

Response Data error: false
 user_id: buyer_id

2) **POST /buyer/login** - For buyer login

Request Data email,password(min length 8)

Response Data error: false,
 auth_token: token

3) **GET - /buyer/detail** - Get the entire buyer object for given id

Request Data buyer(id)

Response Data error: false,
 buyer: buyer (Gives the entire buyer object)

4) **POST - /buyer/forgot** - Change the password if forgotten

Request Data buyer(id),password(min length 8)

Response Data error: false,
 msg: "Password Changed"

5) **POST - /buyer/updatemyorder** - Adds a product to buyer's order list

Request Data order(id),buyer(id)

Response Data error: false,
 msg:"Added to MyOrder"

6) **POST** - **/buyer/updateWishlist** - Adds product to buyers wish list

Request Data product(id),buyer(id)

Response Data error: false,
 msg: "Added to Wishlist"

7) **POST** - **/buyer/request** - Buyer requests details of seller for the product

Request Data buyer(id),seller(id)

Response Data error: false,
 msg: "Request send to seller"

8) **POST** - **/buyer/address** - Get all granted address for a given buyer

Request Data buyer(id)

Response Data error: false,
 data: data (Shows the array of seller details who has given
 access to this buyer)

9) **POST** - **/buyer/getwishlist** - Get all products in a wishlist for a given
 buyer

Request Data buyer(id)

Response Data error: false,
 data: data (Shows the array of the products that are added
 to the wishlist by the buyer)

10) **PUT** - **/buyer/removeitem** - Removes a product from buyers wishlist

Request Data buyer(id),product(id)

Response Data error: false,
 msg: "Product Removed"

11) **GET** - **/buyer/getname** - Gives the name of the buyer

Request Data buyer(id)

Response Data error: false,
 data: firstname+lastname (of given buyerid)

12) **GET - /buyer/getmessage** - Shows all the declined messages to Buyer with seller full name

Request Data buyer(id)

Response Data error: false,
 msg: Array of message containing message of type
 "The seller named declined your request"

13) **POST - /order** - System add an order

Request Data address,price,payment_id

Response Data error: false,
 msg: "Successfully order Placed"
 orderid: ordersaved._id

14) **GET - /order/:id** - Get an detail about the order using order id

Request Data order(id)

Response Data error: false,
 order: order (Returns the entire order object)

15) **GET - /order/buyer/:buyerid** - Get an order using buyerid

Request Data buyer(id)

Response Data error: false,
 orders: orders (Returns all the order object searched using
 buyerid)

16) **GET - /order/seller/:sellerid** - Get an order using sellerid

Request Data seller(id)

Response Data error: false,
 orders: orders (Returns all the order object searched using
 sellerid)

17) **GET - /product** - Find all products

Request Data email,password(min length 8)

Response Data error: false,
 product: products (array of all products)

18) **GET** - **/product/:id** - Find a particular product using id

Request Data product(id)

Response Data error: false,
product: product (Returns a product with given id)

19) **GET** - **/product/:category** - Get all products using chosen category

Request Data category

Response Data error: false,
product: products (Returns all the products with given category)

20) **POST** - **/product/seller** - Seller uploads a new product

Request Data title,imagepath,description,price,formatofprice,category,seller

Response Data error: false,
msg: "Product saved successfully"

21) **PUT** - **/product/seller/:id** - Seller updates his/her product

Request Data seller(id)

Response Data error: false,
msg: "Successfully Updated"

22) **DELETE** - **/product/seller/:id** - Seller removes his/her product

Request Data seller(id)

Response Data error: false,
msg: "Successfully Deleted"

23) **POST** - **/seller/register** - for registering new seller

Request Data firstname, lastname, address, email, password(min length 8),
idproof

Response Data error: false,
user_id: seller._id

24) **POST** - **/seller/login** - for seller login

Request Data email, password(min length 8)

Response Data error: false,
auth_token: token

25) **GET** - **/seller/detail** - Get profile of a given seller id

Request Data seller(id)

Response Data error: false,
seller: seller (Returns the seller object with given id)

26) **POST** - **/seller/forgot** - If seller forgets his/her login password

Request Data seller(id), password(min length 8)

Response Data error: false,
msg: "Password Changed"

27) **POST** - **/seller/myproducts** - Get all the product for a given seller id

Request Data seller(id)

Response Data error: false,
data: data (Returns array of all products uploaded by a seller)

28) **POST** - **/seller/myrequest** - Show all pending request for a given seller

Request Data seller(id)

Response Data error: false,
data: data (Returns all the buyer's name and email those who have requested for details)

29) **POST** - **/seller/accept** - When seller accepts the request from buyer

Request Data buyer(id),seller(id)

Response Data error: false,
msg: "Buyer given access successfully"

30) **GET** - **seller/getname/:id** - Shows the name of the seller using seller id

Request Data seller(id)

Response Data error: false,

data: data (Returns the full name of the seller of the given id)

31) **POST - seller/decline** - When seller declines the access address request of buyer

Request Data seller(id),buyer(id)

Response Data error: false,
 msg: "Buyer declined access successfully"