**Pizza Delivery System**

**API Documentation**

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User

## Login

Request:

|  |  |
| --- | --- |
| Method | URL |
| POST | api/user/login/ |

Request Header: - Content-Type: application/json:

|  |  |  |
| --- | --- | --- |
| Type | Params | Values |
| POST | username | string |
| POST | password | string |

Here JWT token will generate and then it will help server to validate the request.

Response:

|  |  |
| --- | --- |
| Status | Response |
| 200 | { “jwt\_token”:<JWT Token> } if successful login system generate JWT token. all API calls must have this token in the header for authentication |
| 400 | { ‘error’ : Provide Username or password} |
| 401 | { ‘error’ : Incorrect Username or Password |
| 403 | { ‘error’ : API Key is missing} |
| 500 | { ‘error’ : Something Went wrong} |

## Signup

Request:

|  |  |
| --- | --- |
| Method | URL |
| POST | api/user/signup/ |

Request Header: - Content-Type: application/json:

|  |  |  |
| --- | --- | --- |
| Type | Params | Values |
| POST | name | string |
| POST | emailId | String |
| POST | contactno | Int |
| POST | password | string |
| POST | confirmPassword | string |

Response:

|  |  |
| --- | --- |
| Status | Response |
| 200 | Success |
| 400 | { ‘error’ : bad request} |
| 401 | { ‘error’ : Unauthorized} |
| 500 | { ‘error’ : Something Went wrong} |

## 

## Logout

**Request:**

|  |  |
| --- | --- |
| Method | URL |
| GET | api/user/logout |

user-token: value-of-the-jwt-token-header-from-login

Destroys any authentication cookies associated with the current session for a user logging out.

**Response: -**   
If successful, this operation returns **HTTP status code 200.** There is no response body since this operation ends the user's session.

**Error:**

Error Code 500 -> something went wrong.

## forgetPassword

Request:

|  |  |
| --- | --- |
| Method | URL |
| POST | api/user/forgetPassword/ |

Request Header: - Content-Type: application/json:

|  |  |  |
| --- | --- | --- |
| Type | Params | Values |
| POST | email | string |

Here JWT token will generate and then it will help server to validate the request.

Response:

|  |  |
| --- | --- |
| Status | Response |
| 200 | If Success instruction of password will be sent to user. |
| 400 | { ‘error’ : bad request} |
| 401 | { ‘error’ : Unauthorized} |
| 500 | { ‘error’ : Something Went wrong} |

## viewMenu

Request:

|  |  |
| --- | --- |
| Method | URL |
| GET | api/user/viewMenu |

Request Header: - Content-Type: application/json:

|  |  |  |
| --- | --- | --- |
| Type | Param | Values |
| Header | JWT Token | String |

Response: List of pizzas in JSON format

|  |  |
| --- | --- |
| Status | Response |
| 200 | {  *“pizza:”[*  *{*  *pizzaID:string*  *pizzaSize:string*  *pizzaCrust:string*  *price:Int*  *}*  *],*  “toppings::[  {  toppingsName:string  toppingsID:string  toppings:Int  }  ]}  "tax":10  } |
| 400 | {“error” : “Request body is incorrect”} |
| 404 | {“error” : “Not Found”} |
| 401 | {“error” : “Invalid API Key”} |
| 500 | {“error” : “Something Went Wrong”} |

## createOrder

Request :

|  |  |
| --- | --- |
| Method | URL |
| POST | api/user/createOrder |

|  |  |  |
| --- | --- | --- |
| Type | Param | Value |
| Header | JWT | String |
| body | [  {  pizzaID:int  pizzaQtn:int  pizzaSize:string  pizzaCrust:string  toppings:[string of toppingId]  }  ] | JSON |

Response

|  |  |
| --- | --- |
| Status | Response |
| 200 | If done it will return orderID |
| 400 | {“error” : “Request body is incorrect”} |
| 404 | {“error” : “Not Found”} |
| 401 | {“error” : “Invalid API Key”} |
| 500 | {“error” : “Something Went Wrong”} |

## trackOrder

Request:

|  |  |
| --- | --- |
| Method | URL |
| GET | api/user/trackOrder |

|  |  |  |
| --- | --- | --- |
| Type | Param | Value |
| Header | JWT | String |
| GET | orderID | int |

Response: -  
 In response it will return Status of the order. Accepted / Proccessing / Prepared / Rejected / On the Way / Delivered

|  |  |
| --- | --- |
| Status | Response |
| 200 | If successful it will return the status of the order  {status:””,orderSummary:{},orderDetails:{[]}} |
| 400 | {“error” : “Request body is incorrect”} |
| 404 | {“error” : “Not Found”} |
| 401 | {“error” : “Invalid API Key”} |
| 500 | {“error” : “Something Went Wrong”} |

## 

## viewOrderHistory

Request:

|  |  |
| --- | --- |
| Method | URL |
| GET | api/user/viewOrderHistory |

|  |  |  |
| --- | --- | --- |
| Type | Param | Value |
| Header | JWT | String |
| GET | username | int |

Response  
 In response , it will return a list of all orders that were previously made in JSON Format.

|  |  |
| --- | --- |
| Status | Response |
| 200 | [{  orderID:  orderDate:  orderStatus:  orderAmount:  orderSubTotal:  orderTax:  orderDeliveryAgent:  orderAgentID  orderAgentContact:  }] |
| 400 | {“error” : “Request body is incorrect”} |
| 404 | {“error” : “Not Found”} |
| 401 | {“error” : “Invalid API Key”} |
| 500 | {“error” : “Something Went Wrong”} |

# Manager

## Login

Request:

|  |  |
| --- | --- |
| Method | URL |
| POST | api/admin/login/ |

Request Header: - Content-Type: application/json:

|  |  |  |
| --- | --- | --- |
| Type | Params | Values |
| POST | username | string |
| POST | password | string |

Here JWT token will generate and then it will help server to validate the request.

Response:

|  |  |
| --- | --- |
| Status | Response |
| 200 | { “jwt\_token”:<JWT Token> } if successful login system generate JWT token. all API calls must have this token in the header for authentication |
| 400 | { ‘error’ : Provide Username or password} |
| 401 | { ‘error’ : Incorrect Username or Password |
| 403 | { ‘error’ : API Key is missing} |
| 500 | { ‘error’: Something Went wrong} |

## Logout

**Request:**

|  |  |
| --- | --- |
| Method | URL |
| GET | api/admin/logout |

user-token: value-of-the-jwt-token-header-from-login

Destroys any authentication cookies associated with the current session for a user logging out.

**Response: -**   
If successful, this operation returns the **HTTP status code 200.** There is no response body since this operation ends the user's session.

**Error:**

Error Code 500 -> Something went wrong.

## viewAllOrders

Request:

|  |  |
| --- | --- |
| Method | URL |
| GET | api/admin/viewOrderHistory |

Request Header: - Content-Type: application/json:

|  |  |  |
| --- | --- | --- |
| Type | Param | Value |
| Header | JWT | String |

Response  
 In response , it will return a list of all orders made in JSON Format.

Pending order ,manage order and viewHistory will use same api and use status as separtor

|  |  |
| --- | --- |
| Status | Response |
| 200 | {  “element”: [  {  "orderID": "int",  "customerName": "string",  "orderAmount": "int",  "date": "date",  "paymentStatus": "string",  "status": "string"  },  } |
| 400 | {“error” : “Request body is incorrect”} |
| 404 | {“error” : “Not Found”} |
| 401 | {“error” : “Invalid API Key”} |
| 500 | {“error” : “Something Went Wrong”} |

## manageOrder

Request:

|  |  |
| --- | --- |
| Method | URL |
| PUT | api/admin/manageOrder |

Request Header: - Content-Type: application/json:

|  |  |  |
| --- | --- | --- |
| Type | Param | Value |
| Header | JWT | String |
| body | [{  orderID: String  orderStatus: String  }] | json |

Response

|  |  |
| --- | --- |
| Status | Response |
| 200 | OK |
| 400 | {“error” : “Request body is incorrect”} |
| 404 | {“error” : “Not Found”} |
| 401 | {“error” : “Invalid API Key”} |
| 500 | {“error” : “Something Went Wrong”} |

## OrderDetails

Request:

|  |  |
| --- | --- |
| Method | URL |
| GET | api/admin/OrderDetails |

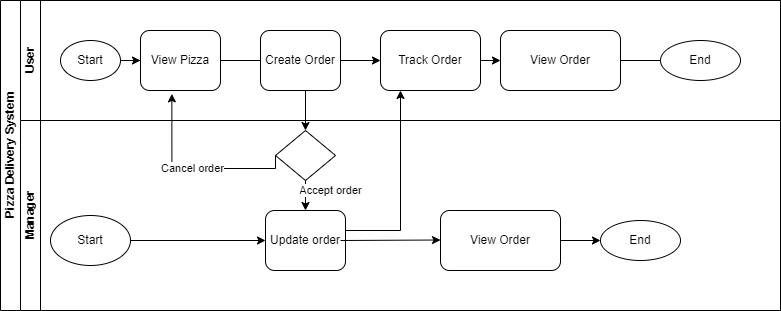
Request Header: - Content-Type: application/json:

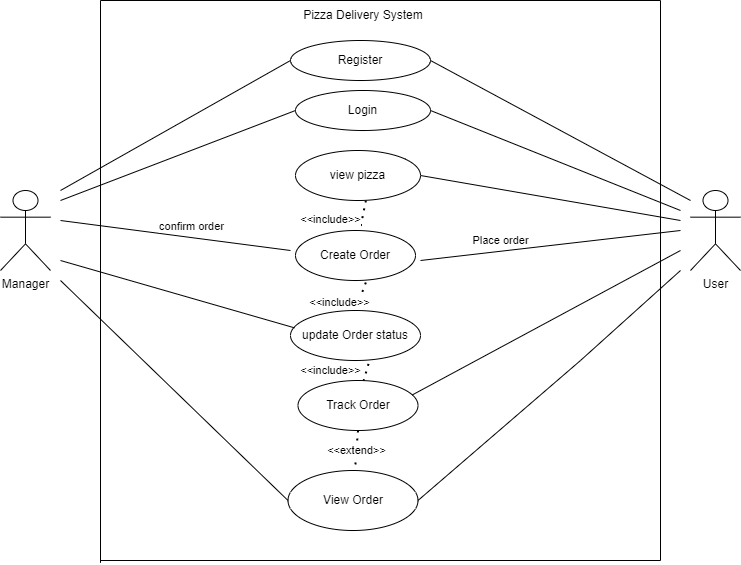
|  |  |  |
| --- | --- | --- |
| Type | Param | Value |
| Header | JWT | String |
| Header | orderID | String |

Response  
 In response , it will return a order detail

|  |  |
| --- | --- |
| Status | Response |
| 200 | [{  orderID:String  orderDate:String  orderStatus:String  orderAmount:String  orderSubTotal:String  orderTax:String  orderDeliveryAgent:String  orderAgentIDString  orderAgentContact:String  products:[  {  itemName:  size:String  crust:String  toppings:String  qnt:int  }  ]  }]  } |
| 400 | {“error” : “Request body is incorrect”} |
| 404 | {“error” : “Not Found”} |
| 401 | {“error” : “Invalid API Key”} |
| 500 | {“error” : “Something Went Wrong”} |

# Diagrams:

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