

# TICKET MASTER API DOCS

This document contains the API information for the Ticket Master FRONT END project to be done using React JS.

Types of resources in the application

- User
- Customers
- Departments
- Employees
- Tickets

**Base URL - <http://dct-ticket-master.herokuapp.com>**

## User Authentication

id	Action	Method	Api	Request - Body	Response - Body	Auth
1	Allow a user to register	post	/users/register	{ "username" : "user1", "email" : "user1@gmail.com", "password" : "secret123" }	<b>Success</b> Object - 1. _id 2. email 3. username 4. createdAt  <b>Error</b> Object - 1. errors 2. message 3. _message 4. name	None
2	Allow a user to login	post	/users/login	{ "email" : " <a href="#">user1@gmail.com</a> ", "password" : "secret123" }	<b>Success</b> Object - 1. token  <b>Error</b> Object - 1. error	none
3	Get user account information	get	/users/account	-	<b>Success</b> Object - 1. _id 2. email 3. username	Yes

4	Allow a user to logout	delete	/users/logout	-	Success Object - 1. notice	Yes
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## Customers Resource

id	Action	Method	Api	Request - Body	Response - Body	Auth
1	Get all the customers of logged in user	get	/customers	-	Success [] or Array of Objects  1. _id 2. name 3. email 4. mobile 5. user 6. createdAt 7. __v	Yes
2	Allow logged in user to create a new customer	post	/customers	{ "name" : "customer1", "email" : " <a href="mailto:c1@gmail.com">c1@gmail.com</a> ", "mobile" : "1234567890" }	Success Object - 1. _id 2. name 3. email 4. mobile 5. user 6. createdAt 7. __v  Error Object - 1. errors 2. message 3. _message 4. name	Yes
3	Allow logged in user to get one customer information based on id	get	/customers/:id	-	Success Object - 1. _id 2. name 3. email 4. mobile 5. user 6. createdAt 7. __v	Yes

					<b>Error</b> Empty Object	
4	Allow logged in user to update a customer information based on id	put	/customers/:id	{ "email" : "cust2@gm.com" }	<b>Success</b> Object - <ol style="list-style-type: none"> <li>1. _id</li> <li>2. name</li> <li>3. email</li> <li>4. mobile</li> <li>5. user</li> <li>6. createdAt</li> <li>7. __v</li> </ol> <b>Error</b> Object - <ol style="list-style-type: none"> <li>1. errors</li> <li>2. message</li> <li>3. _message</li> <li>4. name</li> </ol>	Yes
5	Allow logged in user to delete a customer based on id	delete	/customers/:id	-	<b>Success</b> Object - <ol style="list-style-type: none"> <li>1. _id</li> <li>2. name</li> <li>3. email</li> <li>4. mobile</li> <li>5. user</li> <li>6. createdAt</li> <li>7. __v</li> </ol> <b>Error</b> Empty Object	Yes

## Departments Resource

id	Action	Method	Api	Request - Body	Response - Body	Auth
1	Get all the departments of logged in user	get	/departments	-	<b>Success</b> [] or Array of Objects  1. _id	Yes

					2. name 3. user 4. __v	
2	Allow logged in user to create a new department	post	/departments	<pre>{   "name" : "tech", }</pre>	<b>Success</b> Object - <ol style="list-style-type: none"> <li>1. _id</li> <li>2. name</li> <li>3. user</li> <li>4. __v</li> </ol> <b>Error</b> Object - <ol style="list-style-type: none"> <li>1. errors</li> <li>2. message</li> <li>3. _message</li> <li>4. name</li> </ol>	Yes
3	Allow logged in user to get one department information based on id	get	/departments/:id	-	<b>Success</b> Object - <ol style="list-style-type: none"> <li>1. _id</li> <li>2. name</li> <li>3. user</li> <li>4. __v</li> </ol> <b>Error</b> Empty Object	Yes
4	Allow logged in user to update a department information based on id	put	/departments/:id	<pre>{   "name" : "technology" }</pre>	<b>Success</b> Object - <ol style="list-style-type: none"> <li>1. _id</li> <li>2. name</li> <li>3. user</li> <li>4. __v</li> </ol> <b>Error</b> Object - <ol style="list-style-type: none"> <li>1. errors</li> <li>2. message</li> <li>3. _message</li> <li>4. name</li> </ol>	Yes
5	Allow logged in user to delete a department based on id	delete	/departments/:id	-	<b>Success</b> Object - <ol style="list-style-type: none"> <li>1. _id</li> <li>2. name</li> <li>3. user</li> </ol>	Yes

					4. __v  <b>Error</b> Empty Object	
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## Employees Resource

id	Action	Method	Api	Request - Body	Response - Body	Auth
1	Get all the employees of logged in user	get	/employees	-	<b>Success</b> [] or Array of Objects  1. _id 2. name 3. email 4. mobile 5. user 6. department a. _id b. name c. user d. __v 7. __v	Yes
2	Allow logged in user to create a new employee	post	/employees	{ "name" : "emp1", "email" : "emp1@gmail.com", "mobile" : "1234512345", "department" : "5e8c07add88b1f0016d36688" }	<b>Success</b> Object - 1. _id 2. name 3. user 4. email 5. department 6. mobile 7. __v  <b>Error</b> Object - 1. errors 2. message 3. _message 4. name	Yes
3	Allow logged in user to get	get	/employees/:id	-	<b>Success</b> Object -	Yes

	one employee information based on id				1. _id 2. name 3. email 4. mobile 5. user 6. department <ul style="list-style-type: none"> <li>a. _id</li> <li>b. name</li> <li>c. user</li> <li>d. __v</li> </ul> 7. __v  <b>Error</b> Empty Object	
4	Allow logged in user to update an employee information based on id	put	/employees/:id	<pre>{   "name" : "employee1" }</pre>	<b>Success</b> Object - <ul style="list-style-type: none"> <li>1. _id</li> <li>2. name</li> <li>3. user</li> <li>4. email</li> <li>5. department</li> <li>6. mobile</li> <li>7. __v</li> </ul> <b>Error</b> Object - <ul style="list-style-type: none"> <li>1. errors</li> <li>2. message</li> <li>3. _message</li> <li>4. name</li> </ul>	Yes
5	Allow logged in user to delete an employee based on id	delete	/employees/:id	-	<b>Success</b> Object - <ul style="list-style-type: none"> <li>1. _id</li> <li>2. name</li> <li>3. user</li> <li>4. email</li> <li>5. department</li> <li>6. mobile</li> <li>7. __v</li> </ul> <b>Error</b> Empty Object	Yes

## Tickets Resource

id	Action	Method	Api	Request - Body	Response - Body	Auth
1	Get all the tickets of logged in user	get	/tickets	-	<b>Success</b>  [] or Array of Objects  <ol style="list-style-type: none"><li>1. _id</li><li>2. code</li><li>3. customer</li><li>4. department</li><li>5. employees<ol style="list-style-type: none"><li>a. _id</li></ol></li><li>6. priority</li><li>7. message</li><li>8. user</li><li>9. isResolved</li><li>10. createdAt</li><li>11. __v</li></ol>	Yes
2	Allow logged in user to create a new ticket	post	/tickets	{ "code" : "dct121", "customer" : "5e8c0600d88b1f0016d36681", "department" : "5e8c07add88b1f0016d36688", "employees" : [ { "_id" : "5e8c2614fb07ee00167b378e"} ], "priority" : "high", "message" : "net is down" }	<b>Success</b> Object - <ol style="list-style-type: none"><li>1. _id</li><li>2. code</li><li>3. customer</li><li>4. department</li><li>5. employees<ol style="list-style-type: none"><li>a. _id</li></ol></li><li>6. priority</li><li>7. message</li><li>8. user</li><li>9. isResolved</li><li>10. createdAt</li><li>11. __v</li></ol> <b>Error</b> Object - <ol style="list-style-type: none"><li>1. errors</li><li>2. message</li><li>3. _message</li><li>4. name</li></ol>	Yes
3	Allow logged in user to get one ticket information	get	/tickets/:id	-	<b>Success</b> Object - <ol style="list-style-type: none"><li>1. _id</li><li>2. code</li></ol>	Yes

	based on id				3. customer 4. department 5. employees a. _id 6. priority 7. message 8. user 9. isResolved 10. createdAt 11. __v  <b>Error</b> Empty Object	
4	Allow logged in user to update a ticket information based on id	put	/tickets/:id	<pre>{   "priority" : "medium" }</pre>	<b>Success</b> Object - 1. _id 2. code 3. customer 4. department 5. employees a. _id 6. priority 7. message 8. user 9. isResolved 10. createdAt 11. __v  <b>Error</b> Object - 5. errors 6. message 7. _message 8. name	Yes
5	Allow logged in user to delete a ticket based on id	delete	/tickets/:id		<b>Success</b> Object - 1. _id 2. code 3. customer 4. department 5. employees a. _id 6. priority 7. message 8. user 9. isResolved 10. createdAt	Yes



					11. __v Error Empty Object	
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