API SPECIFICATION

PROJECT CLIENT ON BOARD

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Get Requests

GET			/companies	
Gives the list of companies				
Parameters:	**Name**	**Type**	**Description**	
*Add a * to the name of required parameters.*				
Responses:	**Code**	**Description / example if successful**		
	200	Response successful and returns the response		
	401	Authorization error which means you're not logged in		

GET			/companies/:id	
Gives the list of specified company using id				
Parameters:	**Name**	**Type**	**Description**	
*Add a * to the name of required parameters.*	id	path	Id of a specific company	
Responses:	**Code**	**Description / example if successful**		
	400	The id is in a bad format		
	500	There is an issue for retrieving data from the database		
	200	Response successful and returns the response		
	401	Authorization error which means you're not logged in		

GET			/companyAdmins/:userId	
Gives the list of company admins with specified id				
Parameters:	**Name**	**Type**	**Description**	
*Add a * to the name of required parameters.*	id	path	Id of a specific company admin	
Responses:	**Code**	**Description / example if successful**		
	400	The id is in a bad format or the data cannot be retrieved from the database		
	404	The company admin with the id doesn't exist		
	200	Response successful and returns the response		

GET		/companyAdmins	
Gives the list of company admins			
Parameters:	Name	Type	Description
*Add a * to the name of required parameters.*			
Responses:	Code	Description / example if successful	
	400	the data cannot be retrieved from the database	
	200	Response successful and returns the response	

GET		/converters	
Gives the list of converters			
Parameters:	Name	Type	Description
*Add a * to the name of required parameters.*			
Responses:	Code	Description / example if successful	
	401	Authorization error which means you're not logged in	
	200	Response successful and returns the response	

GET		/converters/:id	
Gives the list of converters			
Parameters:	Name	Type	Description
*Add a * to the name of required parameters.*	id	path	The id of the converter
Responses:	Code	Description / example if successful	
	401	Authorization error which means you're not logged in	
	200	Response successful and returns the response	

GET	/converters/owner/:id

Gives the list of converters			
Parameters:	**Name**	**Type**	**Description**
Add a * to the name of required parameters.	id	path	The user id of the owner of the converter
Responses:	**Code**	**Description / example if successful**	
	200	Response successful and returns the response	

GET	/converters/installer/:id

Gives the list of converters by their installer id			
Parameters:	**Name**	**Type**	**Description**
Add a * to the name of required parameters.	id	path	The installer id of the converter
Responses:	**Code**	**Description / example if successful**	
	401	Unauthorized access	
	200	Response successful and returns the response	

GET	/converters/:id/logs

Gives the list of logs for a specified converter through id			
Parameters:	**Name**	**Type**	**Description**
Add a * to the name of required parameters.	id	path	The id of the converter
Responses:	**Code**	**Description / example if successful**	
	400	The data cannot be retrieved from the database	
	200	Response successful and returns the response	

GET			/customers	
gives the list of customers				
Parameters:	**Name**	**Type**	**Description**	
*Add a * to the name of required parameters.*				
Responses:	**Code**	**Description / example if successful**		
	200	Response successful and returns the response		

GET			/customers/:id	
Gives the list of customers based on the customer Id				
Parameters:	**Name**	**Type**	**Description**	
*Add a * to the name of required parameters.*	id	path	The customer's id	
Responses:	**Code**	**Description / example if successful**		
	404	The customer with the given Id cannot be found		
	200	Response successful and returns the response		
	401	Unauthorized access		
	400	Bad id format entered		

GET			/customers/company/:id	
Gives the list of customers based on the company of their converters				
Parameters:	**Name**	**Type**	**Description**	
*Add a * to the name of required parameters.*	id	path	The customer's id	
Responses:	**Code**	**Description / example if successful**		
	200	Response successful and returns the response		
	400	Bad id format entered		

GET		/tickets	
Gives the list of all tickets			
Parameters:	**Name**	**Type**	**Description**
Add a * to the name of required parameters.			
Responses:	**Code**	**Description / example if successful**	
	200	Response successful and returns the response	
	401	Unauthorized access	

GET		/tickets/:id	
Gives the list of all tickets based on their ticket id			
Parameters:	**Name**	**Type**	**Description**
Add a * to the name of required parameters.	id	path	The ticket id
Responses:	**Code**	**Description / example if successful**	
	200	Response successful and returns the response	
	401	Unauthorized access	
	400	The id is in a bad format	

GET		/tickets/users/:userid	
shows all of the tickets of a specified user id			
Parameters:	**Name**	**Type**	**Description**
Add a * to the name of required parameters.	userid	path	The user id
Responses:	**Code**	**Description / example if successful**	
	200	Response successful and returns the response	
	400	The id is in a bad format	

GET			/tickets/users/:userid
shows all of the tickets of a specified user id			
Parameters:	Name	Type	Description
Add a * to the name of required parameters.	userid	path	The user id
Responses:	Code	Description / example if successful	
	200	Response successful and returns the response	
	400	The id is in a bad format	

POST Requests

POST			/companies
Adding a new company			
Parameters:	Name	Type	Description
Add a * to the name of required parameters.	Company name	body	The name of the company to be added
Responses:	Code	Description / example if successful	
	200	Response successful and returns the response	
	400	Company name invalid or not provided or database issue while inserting new row	
	201	The company added successfully	

POST	/companyAdmins			
Adds a new company admin				
Parameters:	**Name**	**Type**	**Description**	
*Add a * to the name of required parameters.*	Company admin	body	All the details required for a company admin to be made	
Responses:	**Code**	**Description / example if successful**		
	400	Company id doesn't exist / bad email format		
	409	Database error		
	500	Database error		
	201	Results returned successfully		
	401	Unauthorized access		

POST	/converters			
Adds a new converter				
Parameters:	**Name**	**Type**	**Description**	
*Add a * to the name of required parameters.*	converter	body	All the details required for a converter to be made	
Responses:	**Code**	**Description / example if successful**		
	201	Results returned successfully		
	400	Database error		
	401	Unauthorized access		

POST	/customers			
Adds a new normal customer				
Parameters:	**Name**	**Type**	**Description**	
*Add a * to the name of required parameters.*	customer	body	All the details required for a customer to be made	
Responses:	**Code**	**Description / example if successful**		
	400	Role incorrect / bad email format		
	409	Database error		
	500	Database error		
	201	Results returned successfully		

POST	/tickets		
Adds a new ticket			
Parameters:	**Name**	**Type**	**Description**
*Add a * to the name of required parameters.*	ticket	body	All the details required for a ticket to be made
Responses:	**Code**	**Description / example if successful**	
	400	Id is in the wrong format	
	200	Results returned successfully	

POST	/token		
Creates a new token			
Parameters:	**Name**	**Type**	**Description**
*Add a * to the name of required parameters.*	payload	body	All the details required for a payload and user to be made
Responses:	**Code**	**Description / example if successful**	
	500	Something wrong with the token	
	200	Returns token successfully	

Patch Requests

PATCH	/company/:id		
Changing the company using id			
Parameters:	**Name**	**Type**	**Description**
*Add a * to the name of required parameters.*	id	path	Id of the company
	updates	body	All of the new information
Responses:	**Code**	**Description / example if successful**	
	400	There is nothing to update	
	500	Database error	
	200	Results returned successfully	
	401	Unauthorized access	

PATCH	/companyAdmin/:id		
Change the company admin using the id			
Parameters:	**Name**	**Type**	**Description**
Add a * to the name of required parameters.	id	path	Id of the company admin
	updates	body	All of the new information
Responses:	**Code**	**Description / example if successful**	
	400	Id in the bad format / email bad format	
	500	Database error	
	409	Database error	
	200	Results returned successfully	

PATCH	/converters/:id		
Change the converter using the id			
Parameters:	**Name**	**Type**	**Description**
Add a * to the name of required parameters.	id	path	Id of the converter
	updates	body	New information of the converter
Responses:	**Code**	**Description / example if successful**	
	201	Results returned successfully	
	400	Issue with posting	
	401	Unauthorized access	

PATCH	/customers/:id		
Change the customer using the id			
Parameters:	**Name**	**Type**	**Description**
Add a * to the name of required parameters.	id	path	Id of the customer
	updates	body	New information of the customer
Responses:	**Code**	**Description / example if successful**	
	400	Id in bad format	
	500	Database error	
	200	Results returned successfully	

Delete Requests

DELETE	/company/:id		
Deleting a company using the id			
Parameters:	**Name**	**Type**	**Description**
*Add a * to the name of required parameters.*	id	path	Id of the company
Responses:	**Code**	**Description / example if successful**	
	400	Id is in a bad format / issue with deleting from the database	
	200	Results returned successfully	
	401	Unauthorized access	

DELETE	/companyAdmin/:id		
Deleting a company admin using the id			
Parameters:	**Name**	**Type**	**Description**
*Add a * to the name of required parameters.*	id	path	Id of the company admin
Responses:	**Code**	**Description / example if successful**	
	400	Id in bad format / database error	
	200	Results returned successfully	

DELETE	/converters/:id		
Deleting a converter using the id			
Parameters:	**Name**	**Type**	**Description**
*Add a * to the name of required parameters.*	id	path	Id of the converter
Responses:	**Code**	**Description / example if successful**	
	200	Results returned successfully	
	401	Unauthorized access	

DELETE	/customers/:id			
Deleting a normal customer using the id				
Parameters:	**Name**	**Type**	**Description**	
*Add a * to the name of required parameters.*	id	path	Id of the customer	
Responses:	**Code**	**Description / example if successful**		
	400	Issue in the server doing delete		
	200	Results returned successfully		

DELETE	/tickets/:id			
Deleting a ticket using the id				
Parameters:	**Name**	**Type**	**Description**	
*Add a * to the name of required parameters.*	id	path	Id of the ticket	
Responses:	**Code**	**Description / example if successful**		
	500	Database error		
	400	Id is in bad format		
	401	Unauthorized access		
	200	Results returned successfully		