Supported REST operations:

1. Operations for Identification

Method	Link	Description	Request Body	Expected Result Body

GET	http://<tomcat url>/contact_api/contact/getAll	Get all the registered contacts.	N/A	<pre>{
				    "Identification": {
				        "FirstName": "Bob",
				        "LastName": "Frederick",
				        "DOB": "06/21/1980",
				        "Gender": "M",
				        "Title": "Manager"
				    },
				    "Address": [{
				        "type ": "home",
				        "number": 1234,
				        "street": "blah blah St",
				        "Unit": "1 a",
				        "City": "Somewhere",
				        "State": "WV",
				        "zipcode": "12345"
				    }],
				    "Communication": [{
				        "type": "email",
				        "value": "bfe@sample.com",
				        "preferred" : "true"
				    },
				    {
				        "type": "cell",
				        "value": "304-555-8282"
				    }
				    ]
				}</pre>

GET	http://<tomcat url>/contact_api/contact/getAll/simple	Get all the registered contacts
		 (without the Address and Communication informations)
			N/A	<pre>{
				    "FirstName": "Bob",
				    "LastName": "Frederick",
				    "DOB": "06/21/1980",
				    "Gender": "M",
				    "Title": "Manager"
				}</pre>

POST	http://<tomcat url>/contact_api/contact/add	Register a contact.	<pre>{
			    "FirstName" : "Bob",
			    "LastName": "Frederickz",
			    "DOB" : "06/21/1980",
			    "Gender": "M",
			    "Title" : "Manager"
			}</pre>
				<pre>{
				"contactId": "9610db18-cada-4bb0-ab88-fcedcaaa5296"
				}</pre>

PUT	http://<tomcat url>/contact_api/contact/update/{contactId}	Updates an existing contact.	<pre>{
			    "FirstName" : "Bob",
			    "LastName": "Frederickz",
			    "DOB" : "06/21/1980",
			    "Gender": "M",
			    "Title" : "Manager"
			}</pre>
				N/A

DELETE	http://<tomcat url>/contact_api/contact/delete/{contactId}	Deletes a contact.	N/A	N/A

2. Operations for Address

Method	Link	Description	Request Body	Expected Result Body

GET	http://<tomcat url>/contact_api/addresses/getAll/{contactId}	Get all the registered addresses for the indiviual pointed by {contactId}	N/A	`[`
				`  {`
				`    "type ": "home",`
				`    "number": 1234,`
				`    "street": "blah blah St",`
				`    "Unit": "1 a",`
				`    "City": "Somewhere",`
				`    "State": "WV",`
				`    "zipcode": "12345"`
				`  }`
				`]`

POST	http://<tomcat url>/contact_api/addresses/add/{contactId}	Register an address to the individual pointed by {contact}	`{`
			`    "type ": "home",`
			`    "number": 1234,`
			`    "street": "blah blah St",`
			`    "Unit": "1 a",`
			`    "City": "Somewhere",`
			`    "State": "WV",`
			`    "zipcode": "12345"`
			`}`
				`{`
				`"addressId": "9610db18-cada-4bb0-ab88-fcedcaaa5296"`
				`}`

PUT	http://<tomcat url>/contact_api/addresses/update/{addressId}	Updates an existing address.	`{`
			`    "type ": "home",`
			`    "number": 1234,`
			`    "street": "blah blah St",`
			`    "Unit": "1 a",`
			`    "City": "Somewhere",`
			`    "State": "WV",`
			`    "zipcode": "12345"`
			`}`
				N/A

DELETE	http://<tomcat url>/contact_api/addresses/delete/{addressId}	Deletes an address.	N/A	N/A

2. Operations for Communication

Method	Link	Description	Request Body	Expected Result Body

GET	http://<tomcat url>/contact_api/communications/getAll/{contactId}	Get all the registered communication for the indiviual pointed by {contactId}	N/A	`[`
				`  {`
				`    "type": "email",`
				`    "value": "bfe@sample.com",`
				`    "preferred" : "true"`
				`  }`
				`]`

POST	http://<tomcat url>/contact_api/communications/add/{contactId}	Register a communication mode to the individual pointed by {contact}	`{`
			`    "type": "email",`
			`    "value": "bfe@sample.com",`
			`    "preferred" : "true"`
			`}`
				`{`
				`"commId": "9610db18-cada-4bb0-ab88-fcedcaaa5296"`
				`}`

PUT	http://<tomcat url>/contact_api/communications/update/{commId}	Updates an existing communication	`{`
			`    "type": "email",`
			`    "value": "bfe@sample.com",`
			`    "preferred" : "true"`
			`}`
				N/A

DELETE	http://<tomcat url>/contact_api/communications/delete/{commId}	Deletes a communication mode.	N/A	N/A