

Endpoint	METHOD	Description	RequestBody	Example Request
/api/users/register	POST	Registers a new User with Amazon Cognito. Returns confirmation that user successfully registered.	{“email”: string, “password”: string, “birthdate”: string, “firstName”: string, “lastName”: string, “phoneNumber”: string}	{“email”: “davidfc@vt.edu”, “password”: “HelloWorld123!”, “birthdate”: “04-17-2000”, “firstName”: “David”, “lastName”: “Clark”, “phoneNumber”: “+1234567890”}
/api/users/login	POST	Logs user into Amazon Cognito User Pool. Returns a Header Access Token (along other, unused tokens)	{“email”: string, “password”: string}	{“email”: “davidfc@vt.edu”, password: “HelloWorld123!”}
/api/users/change/password	POST	Changes user password in Amazon Cognito. Requires Bearer Token in Header	{“email”: string, “oldPassword”: string, “newPassword”: string}	{“email”: “davidfc@vt.edu”, “oldPassword”: “HelloWorld123!”, “newPassword”: “TestWorld123!”}
/api/users/delete	POST	Deletes User account in Amazon Cognito Requires Bearer Token in Header =	{“email”: string “password”: string}	{“email”: “davidfc@vt.edu” “password”: HelloWorld123!}

/api/users/logout	POST	<p>Logs User out of Cognito (invalidates Bearer Token)</p> <p>Requires Bearer Token in Header</p>	-	-
/api/users/registerUser	POST	<p>Creates a User data model for the database.</p> <p>Requires Bearer Token in Header</p>	<pre>{ "firstName": string, "lastName": string, "email": string, "bio": string, "gender": string, "topArtists": string[], "topSongs": string[], "phoneNumber": long, "maxDistance": double, "latitude": double, "longitude": double }</pre>	<pre>{ "firstName": "David", "lastName": "Clark", "email": "davidfc@vt.edu", "bio": "example bio", "gender": "Male", "topArtists": {"The Rolling Stones"}, "topSongs": {"Torn and Frayed"}, "phoneNumber": 1234567890L, "maxDistance": 0.0, "latitude": 0.0, "longitude": 0.0 }</pre>
/api/users/getUser?email={email}	GET	<p>Retrieves the user from the database specified by the email param</p> <p>Requires Bearer Token in Header</p>	-	-
/api/users/all	GET	<p>Retrieves all Users in the database</p> <p>Requires Bearer Token in Header</p>	-	-

/api/users/match?email={email}	GET	Retrieves the matches, generated by AWS Lambda, for the user specified by email parameter Requires Bearer Token in Header	-	-
/api/users/allPfp	GET	Retrieves all the profile pictures for all the users in the database Requires Bearer Token in Header	-	-
/api/images/upload	POST	Uploads a profile picture as form data. Takes in a profile picture and a corresponding email and uploads it to Amazon S3. Links profile picture with user using email.	Form data: pfp: FILE email: string	Form data: pfp: exampleFile.jpg, email: davidfc@vt.edu,

		Requires Bearer Token in Header		
/hello	GET	Returns a hello message, used for simple API testing	-	-
/hello/friend	POST	Returns a hello messages. Used for testing POST endpoints.	{"name": string}	{"name": "David"}