	Client				Server	
AppBanner	GlobalStoreActionType	GlobalStoreHttpRequestApi		Top5ListRouter	GlobalStoreController	Top5List
<pre>const { auth } = useContext(AuthContext); const { store } = useContext(GlobalStoreContext); // The menu's anchor element, i.e. where it will appear</pre>	CHANGE_LIST_NAME CLOSE_CURRENT_LIST CREATE_NEW_LIST LOAD_ID_NAME_PAIRS MARK_LIST FOR DELETION	createTop5List(name, items, email) {    method : POST    route : /api/top5list    payload : { name, items, email }		/api  // Handles create a new list in the database request router.post('/top5list', auth.verify, Top5ListController.createTop5List)	createTop5List(req, res) { method: POST route: /api/top5list	name : String items : [String] ownerEmail : String
const [ <b>anchorEl</b> , setAnchorEl ] = useState(null);	SET_CURRENT_LIST SET_ITEM_EDIT_ACTIVE SET_LIST_NAME_EDIT_ACTIVE	query: { } }		// Handles a delete a list request router.delete('/top5list/:id', auth.verify, Top5ListController.deleteTop5List)	status <b>201</b> (Created) response : { // properly formatted legal request	UserInfo
// Keeps track of if the menu is open (drawn) or not const <b>isMenuOpen</b> = Boolean(anchorEl);	UNMARK_LIST_FOR_DELETION  ClabalStaraSartavtBravidar	deleteTop5ListById(id) { method: DELETE		// Handles a get a list request router.get('/top5list/:id', auth.verify, Top5ListController.getTop5ListById)	payload : { top5List: ({ name, items, ownerEmail }) } status <b>400</b> (Bad Request) response : {	email: String likedLists: String dislikedLists: String
// Responds to click on avatar to open drop-down menu const handleProfileMenuOpen = (event) => {	const [store, setStore] = useState({	route: /top5list/\${id} payload: { } query: { }		// Handles get all the user's lists info request router.get('/top5listpairs', auth.verify, Top5ListController.getTop5ListPairs)	// improperly formatted request payload : { errorMessage }	GlobalUserStoreControlle
// Responds to click away from menu, which closes it const handleMenuClose = () => {	idNamePairs: [], currentList: null,	getTop5ListById(id) {		// Handles get all the lists request	status <b>401</b> (Unauthorized) response : { // properly formatted but incorrect credentials	
// Responds to click on Create New Account menu item const handleRegister = () => {	newListCounter: 0, listNameActive: false, itemActive: false,	method: GET route: /api/top5list/\${id}		router.get('/top5lists', auth.verify, Top5ListController.getTop5Lists)  // Handles update a list in the database request	payload : { errorMessage } } }	createUserInfo(req, res) {    method: POST    route: /api/userInfo
// Responds to click on Login menu item const handleLogin = () => {	listMarkedForDeletion: null });	payload: {} query: {} }		router.put('/top5list/:id', auth.verify, Top5ListController.updateTop5List)	deleteTop5List(req, res) { method: DELETE	status <b>201</b> (Created) response : { // properly formatted legal request payload : { userInfo: ({ email, likedLists, dis
// Responds to click on Logout menu item	const tps : jsTPS	getTop5ListPairs() { method: GET			route: /api/top5list/:id status <b>200</b> (Ok) response: { // properly formatted legal request	}) } status <b>400</b> (Bad Request) response : {
const handleLogout = () => {  Top5Item	// Reducer function to update store state const storeReducer = (action) => {	route: /api/top5listpairs payload: { } query: { }			payload : {} }	// improperly formatted request payload : { errorMessage }
<pre>const { store } = useContext(GlobalStoreContext);</pre>	// Changes the current list name store.changeListName = async function (id, newName)	}		UserRouter /api	status 400 (Bad Request) response : { // improperly formatted request payload : { errorMessage }	status <b>401</b> (Unauthorized) response : { // properly formatted but incorrect credent
const [ editActive, setEditActive ] = useState(false); const [ text, setText ] = useState("");	// Closes the current list store.closeCurrentList = function ()	<pre>updateTop5ListById(id, top5List) {   method: PUT   route: /api/top5list/\${id}</pre>		// Handles create a new list in the database request router.post('/userInfo', auth.verify, UserController.createUserInfo)	} status 401 (Unauthorized) response : { // properly formatted but not owned by user	<pre>payload : { errorMessage } } </pre>
// Response for when a keyboard key is pressed	// Creates a new list in the database	payload: { top5List }			payload : { errorMessage }	getUserInfoByEmail(req, res) { method: GET
const handleKeyPress = (event) {  // Response for when one presses the edit text button	store.createNewList = async function ()  // Starts the process of deleting a list	query: {}	HTTP Reques	Touter.get(Maerinor.email, auth.verily, OserController.getOserinobyEmail)	getTop5ListById(req, res) { method: GET	route: /api/userInfo/:email status <b>200</b> (Ok) response: {
const handleToggleEdit = (event) {  // Response for when one hits enter after editing	store.deleteList = async function (listToDelete)  // Completes the process of deleting a list	GlobalUserInfoStoreActionType		// Handles a get all ist request router.get('/allUserInfo', auth.verify, UserController.getAllUserInfo)	route: /api/top5list/:id status <b>200</b> (Ok) response: {	// properly formatted legal request payload : { email } }
const handleUpdateText = (event) {  // Helper to toggle item editing	store.deleteMarkedList = function ()  // Gets all the id/name pairs for the user's lists	CHANGE_LIKED_LISTS CHANGE_DISLIKED_LISTS		// Handles update a list in the database request router.put('/userInfo/:email', auth.verify,	// properly formatted legal request payload : { top5List: { name, items, ownerEmail } } }	status 400 (Bad Request) response : { // improperly formatted request payload : { errorMessage }
const toggleEdit = () {	store.loadIdNamePairs = async function ()  // Specifies which list might be deleted if the user confirms	GlobalUserInfoStoreContextProvide	er	UserController.updateUserInfoByEmail)	status 400 (Bad Request) response : { // improperly formatted request payload : { errorMessage }	} status 401 (Unauthorized) response : { // properly formatted but not owned by use
	store.markListForDeletion = async function (id)				} status 401 (Unauthorized) response : { // properly formatted but not owned by user	payload : { errorMessage }
	// Moves an item in a list from one ranking to another store.moveltem = function (start, end)	<pre>const [userStore, setUserStore] = useState({     likedLists = [],     disliked_lists = [],</pre>			payload : { errorMessage }	updateUserInfoByEmail(req, res) {
	// Sets which list is being edited store.setCurrentList = async function (id)	<pre>user_owned_lists = [] });</pre>			getTop5ListPairs(req, res) {	method: PUT route: /api/userInfo/:email status <b>200</b> (Ok) response: {
	// Sets if an item is currently being edited store.setIsItemEditActive = function ()				method: GET route: /api/top5list/:id status 200 (Ok) response: {	// properly formatted legal request payload : { userInfo }
	// Sets if a list name is currently being edited store.setIsListNameEditActive = function ()				// properly formatted legal request payload : { pairs: [{_id, name}] }	status 400 (Bad Request) response : { // improperly formatted request payload : { errorMessage }
ListCard	// Cancel the delete store.unmarkListForDeletion = function ()	// Reducer function to update store state const <b>storeReducer</b> = (action) => {			status 400 (Bad Request) response : { // improperly formatted request	} status 401 (Unauthorized) response : {
<pre>const { store } = useContext(GlobalStoreContext); const [ editActive, setEditActive ] = useState(false);</pre>	// Updates the list being edited in the database store.updateCurrentList = async function ()	// Handles liking (or unliking a current liked list), modifies both //and disliked lists userStore.likeList = function(list)	h liked		payload : { errorMessage } } status 401 (Unauthorized) response : {	// properly formatted but not owned by use payload : { errorMessage } }
const [ text, setText ] = useState("");  // Response to when one presses the delete list button	// Updates an item with new text store.updateItem = function (index, newItem)	//Handles the disliking (or un-disliking a current disliked list) r //both liked and disliked lists	modifies		// properly formatted but not owned by user payload : { errorMessage } }	getAllUserInfo(req, res) {
const handleDeleteList = (event, id) {  // Response for when a keyboard key is pressed		userStore.dislikeList = function(list)			updateTop5List(req, res) {	method: PUT route: /api/allUserInfo status <b>200</b> (Ok) response: {
const handleKeyPress = (event) {	GlobalUserStoreHttpRequestApi  createUserInfo( email, likedLists, dislikedLists, ownedLists) {	//Needed to calculate likes/dislikes per list userStore.getAllUserInfo = function()			method: PUT route: /api/top5list/:id status 200 (Ok) response: {	// properly formatted legal request }
// Handles a click on the list card to load a list const handleLoadList = (event, id) {	method : POST route : /api/userInfo payload : { email, likedLists, dislikedLists, ownedLists }				// properly formatted legal request payload : { id }	status 400 (Bad Request) response : { // improperly formatted request payload : { errorMessage }
// Response to when one presses the edit text button const handleToggleEdit = (event) {	query: {} }				status 400 (Bad Request) response : { // improperly formatted request	status 401 (Unauthorized) response : { // properly formatted but not owned by use
// Response for when one hits enter after editing const handleUpdateText(event)	getUserInfoByEmail(email) { method: GET		HTTP Response		payload : { errorMessage } } status 401 (Unauthorized) response : {	<pre>payload : { errorMessage } } }</pre>
// Helper to toggle item editing const toggleEdit = () {	route: /api/userInfo/\${email} payload: {} query: {}		TTTT Response		// properly formatted but not owned by user payload : { errorMessage }	,
	} //Needed to calculate the likes/dislikes per list				}	
	getAllUserInfo() {  method: GET  route: /api/allUserInfo					
	payload: {} query: {}					
	}					
	updateUserInfoByEmail(userInfo, email) {  method: PUT  route: /api/userInfo/\${email}					
	payload: {  userInfo					
	query: { } }					

GlobalStoreController **Our Express Server** <generalized interface> databaseManager = require('MongooseManager); const databaseManager = require( Database Manager ... createTop5List(req, res) { if ( /\* IMPROPERLY FORMATTED REQUEST \*/) // RETURN DATA AND SUCCESS/FAIL INFO // SEND 400 RESPONSE CODE UserInfo let newList = databaseManager.createTop5List(... // ODM or ORM - dependent // SEND 201 RESPONSE CODE WITH payload // SEND 400 RESPONSE CODE deleteTop5List(req, res) { method: DELETE // properly formatted legal request status **200** (Ok) response: { status 400 (Bad Request) response : { // properly formatted legal request payload : {} // improperly formatted request payload : { errorMessage } status 400 (Bad Request) response : { // improperly formatted request status 401 (Unauthorized) response : { payload : { errorMessage } // properly formatted but not owned by status 401 (Unauthorized) response : { payload : { errorMessage } // properly formatted but not owned by user payload : { errorMessage } getTop5ListById(req, res) { method: GET getTop5ListById(req, res) { route: /api/top5list/:id method: GET status **200** (Ok) response: { route: /api/top5list/:id // properly formatted legal request status 200 (Ok) response: { payload : { top5List: { name, items, // properly formatted legal request payload : { top5List: { name, items, ownerEmail } } // improperly formatted request payload : { errorMessage } payload : { errorMessage } status 401 (Unauthorized) response : { status 401 (Unauthorized) response : { // properly formatted but not owned by // properly formatted but not owned by user payload : { errorMessage } payload : { errorMessage } route: /api/top5list/:id status **200** (Ok) response: { route: /api/top5list/:id status **200** (Ok) response: { // properly formatted legal request // properly formatted legal request payload : { pairs: [{\_id, name} ...] } payload : { pairs: [{\_id, name} ...] } status 400 (Bad Request) response : { status 400 (Bad Request) response : { payload : { errorMessage } payload : { errorMessage } // properly formatted but not owned by user // properly formatted but not owned by payload : { errorMessage } payload : { errorMessage } updateTop5List(req, res) { method: PUT updateTop5List(req, res) { route: /api/top5list/:id status 200 (Ok) response: { // properly formatted legal request payload : { id } // properly formatted legal request payload : { id } status 400 (Bad Request) response : { status 400 (Bad Request) response : { // improperly formatted request payload : { errorMessage } // improperly formatted request payload : { errorMessage } status 401 (Unauthorized) response : { // properly formatted but not owned by user status 401 (Unauthorized) response : { payload : { errorMessage } // properly formatted but not owned by payload : { errorMessage } GlobalUserStoreController // properly formatted legal request route: /api/userInfo payload : { userInfo: ({ email, likedLists, dislikedLists }) status **201** (Created) response : { // properly formatted legal request payload : { userInfo: ({ email, likedLists, dislikedLists status 400 (Bad Request) response : { // improperly formatted request payload : { errorMessage } status **400** (Bad Request) response : { // improperly formatted request status **401** (Unauthorized) response : { payload : { errorMessage } // properly formatted but incorrect status **401** (Unauthorized) response : { payload : { errorMessage } // properly formatted but incorrect credentials payload : { errorMessage } getUserInfoByEmail(req, res) { route: /api/userInfo/:email status 200 (Ok) response: { payload : { email } // properly formatted legal request payload : { email } status 400 (Bad Request) response : { // improperly formatted request status 400 (Bad Request) response : { payload : { errorMessage } // improperly formatted request payload : { errorMessage } status 401 (Unauthorized) response : { // properly formatted but not owned by status 401 (Unauthorized) response : { // properly formatted but not owned by user payload : { errorMessage } payload : { errorMessage } updateUserInfoByEmail(req, res) { updateUserInfoByEmail(req, res) { method: PUT method: PUT route: /api/userInfo/:email route: /api/userInfo/:email status **200** (Ok) response: { status **200** (Ok) response: { // properly formatted legal request // properly formatted legal request payload : { userInfo } payload : { userInfo } status 400 (Bad Request) response : { // improperly formatted request // improperly formatted request payload : { errorMessage } payload : { errorMessage } status 401 (Unauthorized) response : { status 401 (Unauthorized) response : { // properly formatted but not owned by // properly formatted but not owned by user payload : { errorMessage } payload : { errorMessage } getAllUserInfo(req, res) {
 method: PUT getAllUserInfo(req, res) {
method: PUT status 200 (Ok) response: { status **200** (Ok) response: { // properly formatted legal request // properly formatted legal request status 400 (Bad Request) response : { status 400 (Bad Request) response : { // improperly formatted request // improperly formatted request payload : { errorMessage } payload : { errorMessage } status 401 (Unauthorized) response : { // properly formatted but not owned by user

// properly formatted but not owned by

payload : { errorMessage }

payload : { errorMessage }

const databaseManager = require('MongooseManager') createTop5List(name, items, email) { let top5List = new Top5List(name, items, email) { if ( /\* IMPROPERLY FORMATTED REQUEST \*/) items: { type: [String], required: true }, "Shine On You Crazy Diamind", // SEND 400 RESPONSE CODE if (success) // whatever that is "Is there anybody out there?" ownerEmail: { type: String } return newList "Goodbye Blue Skies", let newList = databaseManager.createTop5List(... { timestamps: true }, "Welcome to the Machine" module.exports = mongoose.model('Top5List', owner: 2sadg9080a9239qj0w9jg09asjg09asj // SEND 201 RESPONSE CODE WITH payload Top5ListSchema) // SEND 400 RESPONSE CODE deleteTop5List(req, res) { method: DELETE <using Mongoose ODM> method: DELETE route: /api/top5list/:id status 200 (Ok) response: { const Top5ListSchema = new Schema( status **200** (Ok) response: { // properly formatted legal request // properly formatted legal request payload : {} email: { type: String, required: true }, payload : {} likedLists: { type: [], required: true }, status 400 (Bad Request) response : { dislikedLists: { type: [], required:true } status 400 (Bad Request) response : { // improperly formatted request // improperly formatted request payload : { errorMessage } { timestamps: true }, payload : { errorMessage } status 401 (Unauthorized) response : { module.exports = mongoose.model('UserInfo', status 401 (Unauthorized) response : { // properly formatted but not owned by user UserInfoSchema) // properly formatted but not owned by user payload : { errorMessage } payload : { errorMessage } getTop5ListById(req, res) { getTop5ListById(req, res) { method: GET method: GET route: /api/top5list/:id route: /api/top5list/:id status **200** (Ok) response: { status **200** (Ok) response: { // properly formatted legal request // properly formatted legal request payload : { top5List: { name, items, ownerEmail } payload : { top5List: { name, items, ownerEmail } } // improperly formatted request payload : { errorMessage } payload : { errorMessage } status 401 (Unauthorized) response : { status 401 (Unauthorized) response : { // properly formatted but not owned by user // properly formatted but not owned by user payload : { errorMessage } payload : { errorMessage } getTop5ListPairs(req, res) { getTop5ListPairs(req, res) { route: /api/top5list/:id status **200** (Ok) response: { route: /api/top5list/:id status **200** (Ok) response: { // properly formatted legal request // properly formatted legal request payload : { pairs: [{\_id, name} ...] } payload : { pairs: [{\_id, name} ...] } status 400 (Bad Request) response : { status 400 (Bad Request) response : { // improperly formatted request // improperly formatted request payload : { errorMessage } payload : { errorMessage } status 401 (Unauthorized) response : { status 401 (Unauthorized) response : { // properly formatted but not owned by user // properly formatted but not owned by user payload : { errorMessage } payload : { errorMessage } updateTop5List(req, res) { updateTop5List(req, res) { method: PUT method: PUT route: /api/top5list/:id status **200** (Ok) response: { status **200** (Ok) response: { // properly formatted legal request // properly formatted legal request payload : { id } payload : { id } status 400 (Bad Request) response : { // improperly formatted request // improperly formatted request payload : { errorMessage } payload : { errorMessage } status 401 (Unauthorized) response : { status 401 (Unauthorized) response : { // properly formatted but not owned by user // properly formatted but not owned by user payload : { errorMessage } payload : { errorMessage } GlobalUserStoreController createUserInfo(req, res) { method: POST route: /api/userInfo status **201** (Created) response : { // properly formatted legal request payload : { userInfo: ({ email, likedLists, route: /api/userInfo status **201** (Created) response : { dislikedLists }) // properly formatted legal request payload : { userInfo: ({ email, likedLists, dislikedLists status 400 (Bad Request) response : { // improperly formatted request payload : { errorMessage } status 400 (Bad Request) response : { // improperly formatted request status 401 (Unauthorized) response : { payload : { errorMessage } // properly formatted but incorrect credentials payload : { errorMessage } status 401 (Unauthorized) response : { // properly formatted but incorrect credentials payload : { errorMessage } getUserInfoByEmail(req, res) { method: GET route: /api/userInfo/:email getUserInfoByEmail(req, res) { status **200** (Ok) response: { // properly formatted legal request payload : { email } // properly formatted legal request status 400 (Bad Request) response : { payload : { email } payload : { errorMessage } status 400 (Bad Request) response : { // improperly formatted request status 401 (Unauthorized) response : { payload : { errorMessage } // properly formatted but not owned by user payload : { errorMessage } status 401 (Unauthorized) response : { // properly formatted but not owned by user payload : { errorMessage } updateUserInfoByEmail(req, res) { route: /api/userInfo/:email status **200** (Ok) response: { updateUserInfoByEmail(req, res) { method: PUT // properly formatted legal request route: /api/userInfo/:email payload : { userInfo } status **200** (Ok) response: { // properly formatted legal request status 400 (Bad Request) response : { payload : { userInfo } // improperly formatted request payload : { errorMessage } // improperly formatted request status 401 (Unauthorized) response : { payload : { errorMessage } // properly formatted but not owned by user payload : { errorMessage } status 401 (Unauthorized) response : { // properly formatted but not owned by user payload : { errorMessage } getAllUserInfo(req, res) { method: PUT route: /api/allUserInfo status **200** (Ok) response: { // properly formatted legal request status 200 (Ok) response: { // properly formatted legal request // improperly formatted request payload : { errorMessage } status 400 (Bad Request) response : { // improperly formatted request status 401 (Unauthorized) response : { payload : { errorMessage } // properly formatted but not owned by user payload : { errorMessage } status 401 (Unauthorized) response : { // properly formatted but not owned by user payload : { errorMessage }

GlobalStoreController

Our Express Server

databaseManager = require('MongooseManager);

MongooseManager

Top5List <using mongoose="" odm=""></using>	MongoDB	Our Express Server	GlobalStoreController	SequelizeManager <pre><specialized implementation=""></specialized></pre>	Top5List <using orm="" sequelize=""></using>	
<pre>const Top5ListSchema = new Schema(</pre>	MongoDB  {     name: "Pink Floyd Songs",     items: [	databaseManager = require('MongooseManager);	const databaseManager = require('SequelizeManager')  createTop5List(req, res) {   if ( /* IMPROPERLY FORMATTED REQUEST */)	createTop5List(name, items, email) {   const top5List = await Top5List.create({     name: name,     items: items,     email: email   });    if (success) // whatever that is     return newList }	const sequelize = new Sequelize('sqlite::memory:');  class Top5List extends Model {}  Top5List.init({     name: DataTypes.STRING,     items: DataTypes.ARRAY(DataTypes.STRING),     email: DataTypes.STRING }, { sequelize, modelName: 'top5List' });	MySQL  name items ownerEmail
UserInfo <using mongoose="" odm="">  const Top5ListSchema = new Schema( {     email: { type: String, required: true },     likedLists: { type: [], required: true },     dislikedLists: { type: [], required:true } },     { timestamps: true }, ) module.exports = mongoose.model('UserInfo', UserInfoSchema)</using>			<pre>deleteTop5List(req, res) {     method: DELETE     route: /api/top5list/:id     status 200 (Ok) response: {         // properly formatted legal request         payload : {}     }     status 400 (Bad Request) response : {         // improperly formatted request         payload : { errorMessage }     }     status 401 (Unauthorized) response : {         // properly formatted but not owned by user         payload : { errorMessage }     } } getTop5ListByld(req, res) {</pre>	<pre>deleteTop5List(req, res) {   method: DELETE   route: /api/top5list/:id   status 200 (Ok) response: {     // properly formatted legal request     payload : {} }   status 400 (Bad Request) response : {     // improperly formatted request     payload : { errorMessage } }   status 401 (Unauthorized) response : {     // properly formatted but not owned by   user     payload : { errorMessage } }</pre>	UserInfo <using orm="" sequelize="">  const sequelize = new Sequelize('sqlite::memory:');  class UserInfo extends Model {}  UserInfo.init({   email: DataTypes.STRING,   likedLists: DataTypes.ARRAY(),   dislikedLists: DataTypes.ARRAY() }, { sequelize, modelName: 'userInfo' });</using>	MySQL  email likedLists dislikedLists
			method: GET route: /api/top5list/:id status 200 (Ok) response: {     // properly formatted legal request     payload : { top5List: { name, items, ownerEmail } } } status 400 (Bad Request) response : {     // improperly formatted request     payload : { errorMessage } } status 401 (Unauthorized) response : {     // properly formatted but not owned by user     payload : { errorMessage } } getTop5ListPairs(req, res) {	getTop5ListById(req, res) {   method: GET   route: /api/top5list/:id   status 200 (Ok) response: {     // properly formatted legal request     payload: { top5List: { name, items,     ownerEmail } }   }   status 400 (Bad Request) response: {     // improperly formatted request     payload: { errorMessage }   }   status 401 (Unauthorized) response: {     // properly formatted but not owned by		
			method: GET route: /api/top5list/:id status 200 (Ok) response: {     // properly formatted legal request     payload : { pairs: [{_id, name}] } } status 400 (Bad Request) response : {     // improperly formatted request     payload : { errorMessage } } status 401 (Unauthorized) response : {     // properly formatted but not owned by user     payload : { errorMessage } } }	payload: { errorMessage } }  getTop5ListPairs(req, res) {   method: GET   route: /api/top5list/:id   status 200 (Ok) response: {     // properly formatted legal request     payload: { pairs: [{_id, name}] } }  status 400 (Bad Request) response: {     // improperly formatted request     payload: { errorMessage } }  status 401 (Unauthorized) response: {     // properly formatted but not owned by		
			<pre>updateTop5List(req, res) {     method: PUT     route: /api/top5list/:id     status 200 (Ok) response: {         // properly formatted legal request         payload: { id }     }     status 400 (Bad Request) response: {         // improperly formatted request         payload: { errorMessage }     }     status 401 (Unauthorized) response: {         // properly formatted but not owned by user         payload: { errorMessage }     } }</pre>	// properly formatted but not owned by user     payload : { errorMessage } }  updateTop5List(req, res) {     method: PUT     route: /api/top5list/:id     status 200 (Ok) response: {         // properly formatted legal request         payload : { id } }  status 400 (Bad Request) response : {         // improperly formatted request         payload : { errorMessage } }		
			GlobalUserStoreController	status 401 (Unauthorized) response : {     // properly formatted but not owned by user     payload : { errorMessage }     } }  createUserInfo(req, res) {     method: POST     route: /api/userInfo		
			<pre>createUserInfo(req, res) {    method: POST    route: /api/userInfo    status 201 (Created) response : {       // properly formatted legal request       payload : { userInfo: ({ email, likedLists, dislikedLists}})    }    status 400 (Bad Request) response : {       // improperly formatted request       payload : { errorMessage }    }    status 401 (Unauthorized) response : {       // properly formatted but incorrect credentials       payload : { errorMessage }</pre>	status 201 (Created) response : {     // properly formatted legal request     payload : { userInfo: ({ email, likedLists, dislikedLists })     }     status 400 (Bad Request) response : {         // improperly formatted request         payload : { errorMessage }     }     status 401 (Unauthorized) response : {         // properly formatted but incorrect credentials         payload : { errorMessage }     } }		
			getUserInfoByEmail(req, res) {     method: GET     route: /api/userInfo/:email     status 200 (Ok) response: {         // properly formatted legal request         payload : { email }     }     status 400 (Bad Request) response : {         // improperly formatted request         payload : { errorMessage }     }     status 401 (Unauthorized) response : {         // properly formatted but not owned by user         payload : { errorMessage }	<pre>getUserInfoByEmail(req, res) {   method: GET   route: /api/userInfo/:email   status 200 (Ok) response: {     // properly formatted legal request     payload : { email }   }   status 400 (Bad Request) response : {     // improperly formatted request     payload : { errorMessage }   }   status 401 (Unauthorized) response : {     // properly formatted but not owned by   user     payload : { errorMessage }   } }</pre>		
			updateUserInfoByEmail(req, res) {   method: PUT   route: /api/userInfo/:email   status 200 (Ok) response: {     // properly formatted legal request     payload : { userInfo } }  status 400 (Bad Request) response : {     // improperly formatted request     payload : { errorMessage } }  status 401 (Unauthorized) response : {     // properly formatted but not owned by user     payload : { errorMessage } }	<pre>pupdateUserInfoByEmail(req, res) {     method: PUT     route: /api/userInfo/:email     status 200 (Ok) response: {         // properly formatted legal request         payload : { userInfo }     }     status 400 (Bad Request) response : {         // improperly formatted request         payload : { errorMessage }     }     status 401 (Unauthorized) response : {         // properly formatted but not owned by user         payload : { errorMessage } }</pre>		
			getAllUserInfo(req, res) {   method: PUT   route: /api/allUserInfo   status 200 (Ok) response: {     // properly formatted legal request	getAllUserInfo(req, res) {  method: PUT  route: /api/allUserInfo  status 200 (Ok) response: {  // properly formatted legal request		

status 400 (Bad Request) response : {

status 401 (Unauthorized) response : {

// properly formatted but not owned by user

payload : { errorMessage }

// improperly formatted request

payload : { errorMessage }

status 400 (Bad Request) response : {

// properly formatted but not owned by

// improperly formatted request

payload : { errorMessage }

payload : { errorMessage }