

## API Design Document:

Step 1: Sign up the user first using the signup API by passing the following parameters:

username=john@gmail.com

password=1234releaf

admin=true (or) admin=false

Step 2: Login the user with above credentials by using the login API and passing the following parameters:

username=john@gmail.com

password=1234releaf

Step 3: Use other APIs as given below accordingly.

Step 4: Sign out using the logout API to destroy the session so that the user is unauthenticated.

API	Method	Request (Body)	Response	API Description
/signUp?username=john@gmail.com&password=1234&admin=true	GET		<p><u>If Successful sign up:</u></p> <pre>{   "status_code": 200 }</pre> <p><u>If User already exists:</u></p> <pre>{   "status_code": 403   "error_message": "User Already exists" }</pre> <p><u>Other Server Error:</u></p> <pre>{   "status_code": 500 }</pre>	Enables a person to register himself as an admin or normal user.
/login?username=john@gmail.com&password=john	GET		<p><u>If successful login:</u></p> <pre>{   "status_code": 200 }</pre> <p><u>If User or admin not found or password miss match:</u></p> <pre>{   "status_code": 403,   "error_message": "Username does not exist or password miss match" }</pre> <p><u>Other Server error:</u></p> <pre>{   "status_code": 500 }</pre>	Allows a user or admin to login to the application.
/adminAddCompany	POST	<pre>{   "name": "Releaf",   "num_employees": 10   "year_founded": 2016   "contact_name": "John"   "contact_email": "john@gmail.com"   "rankings": {     "financials": "8"     "Team": "10"     "idea": "6"   } }</pre>	<p><u>If successfully added:</u></p> <pre>{   "status_code": 200 }</pre> <p><u>If the company already exists:</u></p> <pre>{   "status_code" : 403,   "error_message": "company already exists" }</pre> <p><u>Other Server eerror:</u></p> <pre>{   "status_code" : 500 }</pre> <p><u>Unauthorized:</u></p>	Allows the authorized admin to add a company in to the database.

			<pre>{   "status_code": 401,   "error_message": "Unauthorized "</pre>	
/adminRemoveCompany	POST	<pre>{   "name": "Releaf" }</pre>	<p><u>If successfully Removed:</u></p> <pre>{   "status_code": 200 }</pre> <p><u>If company doesn't exist:</u></p> <pre>{   "status_code": 403,   "error_message": "Company doesn't exist" }</pre> <p><u>Other Server error:</u></p> <pre>{   "status_code" : 500 }</pre> <p><u>Unauthorized:</u></p> <pre>{   "status_code": 401,   "error_message": "Unauthorized "</pre>	Allows authorized admin to remove a company from the database.
/adminUpdateCompany	POST	<pre>{   "_id" : "213wdsad23ewdasd"   "name": "Releaf",   "num_employees": 10   "year_founded": 2016   "contact_name": "John"   "contact_email":   "john@gmail.com"   "rankings": {   "financials": "7"   "Team": "4"   "idea": "1"   } }</pre>	<p><u>If successfully updated:</u></p> <pre>{   "status_code": 200 }</pre> <p><u>If the company doesn't exists:</u></p> <pre>{   "status_code" : 403,   "error_message": "company doesn't exists" }</pre> <p><u>Other Server error:</u></p> <pre>{   "status_code" : 500 }</pre> <p><u>Unauthorized:</u></p> <pre>{   "status_code": 401,   "error_message": "Unauthorized "</pre>	Allows authorized admin to update previously added company.
/userRetrieveCompanyDetails?name=Releaf	GET		<p><u>If Successfully found and retrieved:</u></p> <pre>{   "name": "Releaf",   "num_employees": 10   "year_founded": 2016   "contact_name": "John"</pre>	Allows an authorized user to retrieve a particular company details.

			<pre> “contact_email”: “john@gmail.com” “rankings”: { “financials”: “7” “Team”: “4” “idea”: “1” } } </pre> <p><u>Unauthorized:</u></p> <pre> { “status_code”: 401, “error_message”:“Unauthorized ” } </pre>	
/userRetrieveCmpnyDtIsRankWise?numberOfCompanies=3&rankingCategory=team	GET		<p><u>If Successfully retrieved:</u></p> <pre> { “status_code”: 200, “Companies list Rank wise”:[{object1},{object2},{object3}] } </pre> <p><u>Other Server error:</u></p> <pre> { “status_code” : 500 } </pre> <p><u>Unauthorized:</u></p> <pre> { “status_code”: 401, “error_message”:“Unauthorized ” } </pre>	Allows an authorized user to retrieve top ‘n’ companies based on the given ranking category.
/logout	GET		<p><u>If successfully logged out:</u></p> <pre> { “status_code”: 200 } </pre> <p><u>Other Server error:</u></p> <pre> { “status_code” : 500 } </pre>	