

API Specification Doc

(Skyline social media web application)

Version	Date	Author	Description
1	11-9-2021	Shuhaib s	Initial draft

1.User Login Page:

Request

Method	URL
Post	/login

Parameter Name	Description	Type & Length
User data	{email:user_email, password:user_password}	String

Response

Parameter Name	Description	Type & Length
200	{userdata:{ Username:user's name, Email:user's email, Location: user's location,	String

	Address: user's address, contractNumber : user's license, Contact Number : number, Services: array of services, Followers: followers data, Following: following data, Saved posts : data, Contractor: true / false}	
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2. Sign up:

Request

Method	URL
Post	/register

Parameter Name	Description	Type & Length
User data	{email:user_email, Password:user_password, user_name : user's user name }	String

Response

Parameter Name	Description	Type & Length
200	Then make him login with some data from database and nearby location companies posts {userdata:{ Username:user's name, } }	String

	Email:user's email, Location: user's location, Address: user's address, contractNumber : user's license, Contact Number : number, Services: array of services, Followers: followers data, Following: following data, Saved posts : data, Contractor: true / false}	
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3.Home page:

Request

Method	URL
get	/homepage

Parameter Name	Description	Type & Length
200	To get the home page for a user with some data	String

Response

Parameter Name	Description	Type & Length
200	Fetch data from the database and it will show on the home page. Followers and their posts and online person and previous messages etc..	String

4.Post view:

Request

Method	URL
get	/postview

Parameter Name	Description	Type & Length
200	It will show the post view and	String

Response

Parameter Name	Description	Type & Length
Sending the post details	Fetch the data form database and it will include the likes and comments and photo or video links	String

5.Profile:

Request

Method	URL
get	/userprofile

Parameter Name	Description	Type & Length
200	To get the user data and their posts and activities	String

Response

Parameter Name	Description	Type & Length
Sending the user's data	Here we will get the user data from the server and we can show it on our page. The followers count and following count alos. And we can also show the previous posts	String

6.Apply for contractor privilege:

Request

Method	URL
post	/sendingapplication

Parameter Name	Description	Type & Length
200	Here we will send more data to the server to get the special privilege and that data will be checked by admin Some more details {location:user's location, Address: user's address, Licence : user's licence Etc...}	String

Response

Parameter Name	Description	Type & Length
200	Sending successfully	String

7.Add posts:

Request

Method	URL
Post	/addpost

Parameter Name	Description	Type & Length
200	To send the post to other users The post title and user information and post data	String

Response

Parameter Name	Description	Type & Length
200	Redirect with post data	String

7.Delete post:

Request

Method	URL
Post	/delete post

Parameter Name	Description	Type & Length
200	Post id and users information to delete the post	String

Response

Parameter Name	Description	Type & Length
200	Redirect to the posts	String

9.Edit posts:

Request

Method	URL
Post	/edit post

Parameter Name	Description	Type & Length
200	Taking the post data and update in the database	String

Response

Parameter Name	Description	Type & Length
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200	Redirect with success full message	String
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10. Like post:

Request

Method	URL
Post	/like posts

Parameter Name	Description	Type & Length
200	Users can like the post then it will add to the post like count and liked persons array	String

Response

Parameter Name	Description	Type & Length
200	success data	String

11. Comments to posts:

Request

Method	URL
Post	/addcomments

Parameter Name	Description	Type & Length
200	Data form users {comment:"string"}	String

Response

Parameter Name	Description	Type & Length
200	Add comments to the posts comments and return the entire data to the react	String

12.Edit comments:

Request

Method	URL
Post	/edit comments

Parameter Name	Description	Type & Length
200	Edit comments from users Data from users and having the comment text	String

Response

Parameter Name	Description	Type & Length
200	Add comments to the posts	String

	comments and return the entire data to the react	
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13.View post:

Request

Method	URL
get	/viewpost

Parameter Name	Description	Type & Length
200	Get single post data form server with the post id	String

Response

Parameter Name	Description	Type & Length
200	Return the data from server and it will show in special div	String

13.Edit post:

Request

Method	URL
Post	/editpost

Parameter Name	Description	Type & Length
200	Edit postdata. With new data from user and update in data base	String

Response

Parameter Name	Description	Type & Length
200	Edit post data and return the new data to the page	String

14.Report Post:

Request

Method	URL
Post	/reportpost

Parameter Name	Description	Type & Length
200	Users can report about a post with selecting the reason or writing new reason	String

Response

Parameter Name	Description	Type & Length
200	Return a success message	String

15.Admin Login :

Request

Method	URL
Post	/adminlogin

Parameter Name	Description	Type & Length
200	Admin can login with admin credential Username and password	String

Response

Parameter Name	Description	Type & Length
200	Return the privilege of the admin and his details	String

16.Get all users:

Request

Method	URL
Post	/get all users

Parameter Name	Description	Type & Length
200	Giving a request to get all users details to the admin dashboard	String

Response

Parameter Name	Description	Type & Length
200	Return the all users data from database to the admin dashboard	String

17.Block user or Unblock user:

Request

Method	URL
Post	/change user status

Parameter Name	Description	Type & Length
200	Change the user's status like block and unblock. Giving the user's id	String

Response

Parameter Name	Description	Type & Length
200	Add comments to the posts comments and return the entire data to the react	String

18. Get All contractors:

Request

Method	URL
Post	/change user status

Parameter Name	Description	Type & Length
200	Change the user's status like block and unblock. Giving the user's id	String

Response

Parameter Name	Description	Type & Length
200	Add comments to the posts comments and return the entire data to the react	String

19. Get All Application:

Request

Method	URL
Post	/get all application

Parameter Name	Description	Type & Length
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200	Get all applications to change status	String
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Response

Parameter Name	Description	Type & Length
200	Take all applications from database and display to the admin dashboard	String

20. Get all reported posts:

Request

Method	URL
Post	/get all reported posts

Parameter Name	Description	Type & Length
200	Get all reported posts	String

Response

Parameter Name	Description	Type & Length
200	Giving all reported posts	String

21.Change the reported status:

Request

Method	URL
Post	/change the status

Parameter Name	Description	Type & Length
200	Change the reported posts status If any post deleted then the post goes to delete collection and update for the reported user	String

Response

Parameter Name	Description	Type & Length
200	Successful updated	String

22. Get all messages:

Request

Method	URL
Post	/get-all-messages

Parameter Name	Description	Type & Length
200	Get all contacted messages to	String

	admin from all users	
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Response

Parameter Name	Description	Type & Length
200	Chat application and list of users who messaged to admin	String