**API design**

1. **API design to get user details**

API endpoint: /user-data/getuser

Request parameters: username

Request Body:

None

Return body JSON:

{

“username”: “String”,

“firstname”: ”String”,

“lastname”: ”String”,

“email”: ”String”

}

Response String:

{

Message: “User saved successfully”

}

Response Code:

200

1. **API design to save user’s data**

API endpoint: /user-data/saveuser

Request parameters: None

Request Body:

{

“username”: “String”,

“firstname”: ”String”,

“lastname”: ”String”,

“email”: ”String”,

“password”: “String”

}

Return body JSON:

None

Return String:

{

Message: “User saved successfully”

}

Response code:

201

1. **API design for user login**

API endpoint: /user-data/login

Request parameters: None

Request Body:

{

“username”: “String”,

“password”: “String”

}

Return body JSON:

None

Return String:

{

Message: “Login successfully/failed”

}

Response code:

201

1. **API design**

**Reference:**

For HTTP response codes: [Click here](https://developer.mozilla.org/en-US/docs/Web/HTTP/Status)