

accountManagementServices - [includes] - userServices, and privilegeServices

Req-001: createUser API - userService

As part of the **userService**, we need to create an API that will create a new user and store it in db.

→ Method type: **POST**.

→ **API:**

- name: **createUser**
- **api/v1/users/createUser**

→ DB Bucket to be used: **userInfo**.

→ Path parameter should be empty.

→ Parameters to be sent as part of the request body: firstName, lastName, phoneNo, emailId, bio, userName, password, and profileImg.

→ Other parameters: role, blogsCount, createdAt, lastLogin, and isVerified should store default values.

→ "password" needs to be encoded using bcrypt crypto with saltRounds as 10 before storing it into the db.

→ A random "verificationCode" needs to be generated and sent to the provided emailId via mail for verification of the user.

→ Generated "verificationCode" needs to be stored as a value of the parameter "verificationCode" in the user object.

→ The "verificationLink" which is sent to the user should contain three parameters: userId, time of creation, and verificationCode.

→ The "verificationLink" should be of below form:
api/v1/users/verify/{userId}/{time}/{verificationCode}

→ **Response messages:**

- Response message should be "201 Created" in case the operation is successful.
- Response message should be "400 Bad Request" in case any required parameter is missing.
- Response message should be "500 Internal Server Error" in case of any error occurred in storing the data in db.

→ **Email Template:**

- The Email template should contain the following text in the same order as provided with the font size and color as specified.

"We got a request for a new account creation with this emailId. Please verify your emailId to activate the account." (font-size: 20px, type: text)

"Please click on the following link to proceed." (font-size: 18px, type: text)

"Verify" (font-size: 16px, color: blue, type: link)

"Stamp" (type: text) should be present at the end of the email.