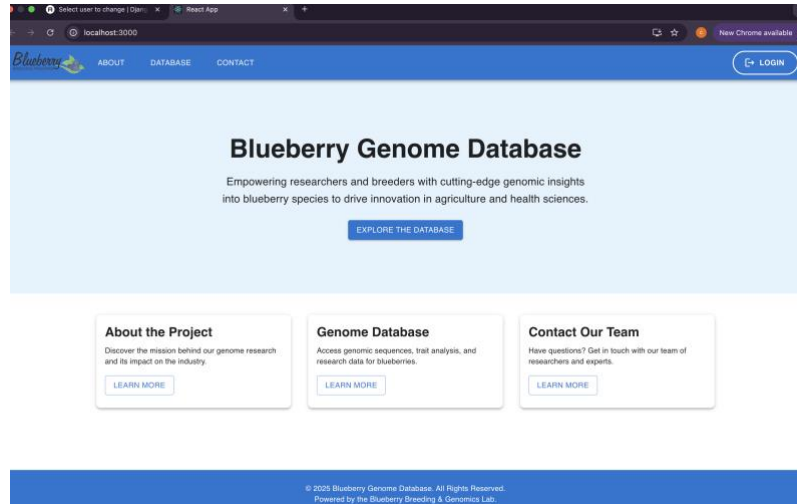


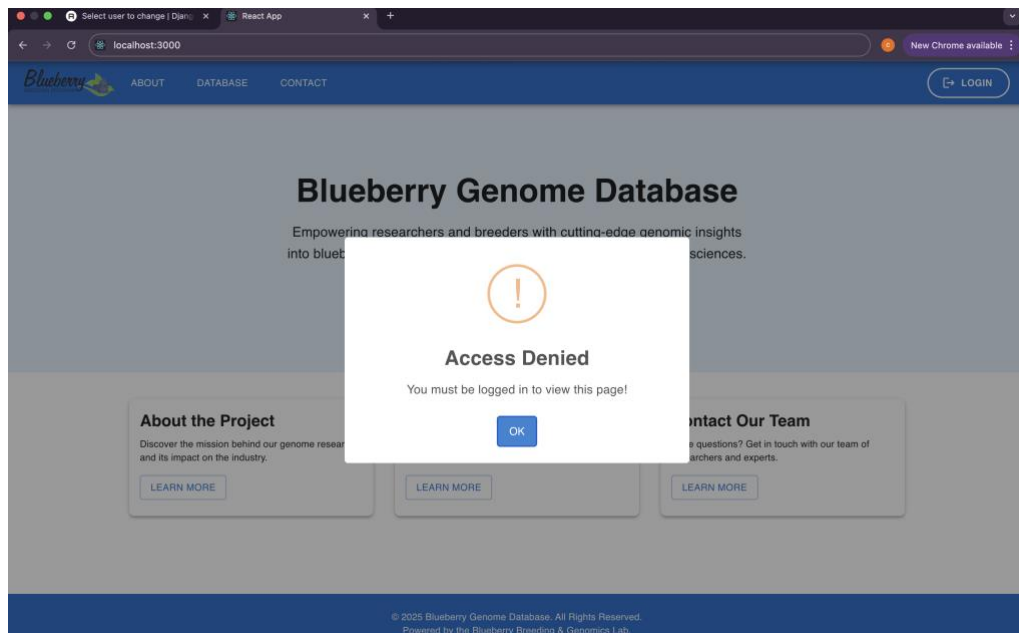
BluberryDB Features Testing Guide

Test Case ID	Test Description	Expected Result	Actual Result
TC_01	User accesses home page without login	Home page loads successfully	Pass
TC_02	User tries to access 'Explore the Database' without login	Error message displayed	Pass
TC_03	User registers an account	Registration request submitted	Pass
TC_04	Admin approves user registration	User receives activation email	Pass
TC_05	User logs in with temporary password	User is prompted to reset password	Pass
TC_06	User resets password	User logs in successfully with new password	Pass
TC_07	User logs in with correct credentials	User is redirected to home page	Pass
TC_08	User accesses 'Explore the Database' after login	Database page loads successfully	Pass
TC_09	Web application is mobile responsive	No overlapping elements, content remains accessible, and navigation functions properly on smaller screens.	Pass
TC_10	Password are hashed in DB	The database should not store plain-text passwords, ensuring security compliance.	Pass
TC_11	Auto Logout after 5 minutes of inactivity	Re authentication required as access token expires after 5 min	true

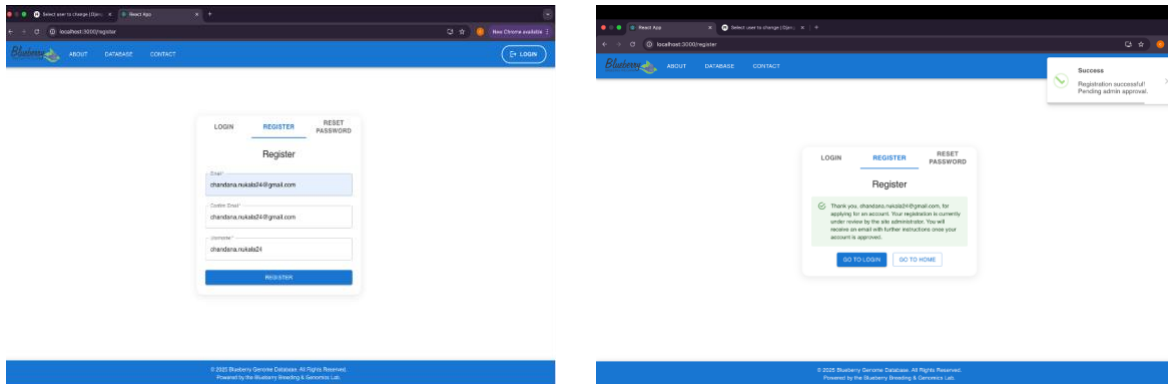
TC_01: Access the web application (React): <http://localhost:3000>. The home page of the application is accessible without login.



TC_02: To explore the database, the user must log in. If an unauthenticated user attempts to access the 'Explore the Database' page, the following error will be displayed:

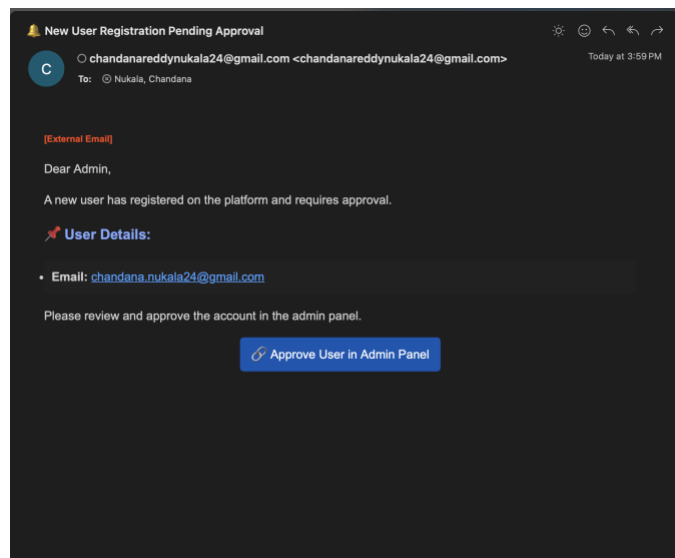


TC_03: If user has account, then login, if not then click “register”

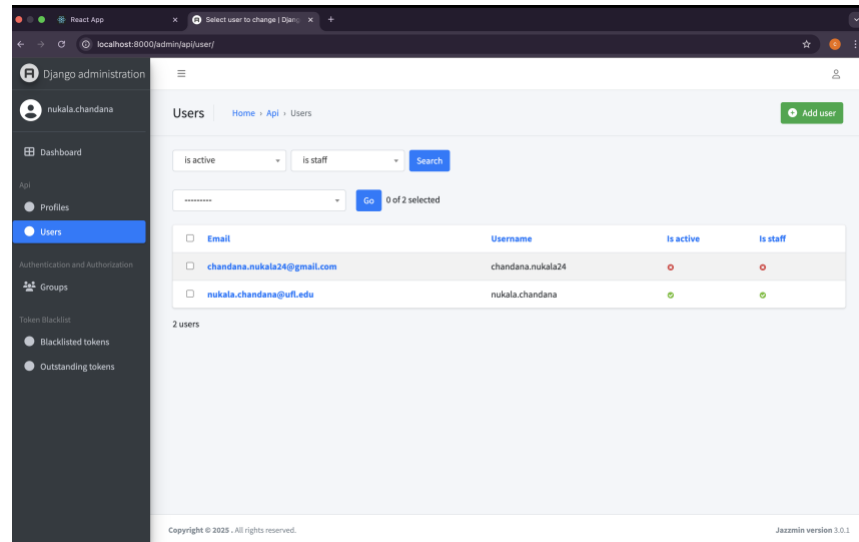


After submitting details, user must wait until admin has approved the register request

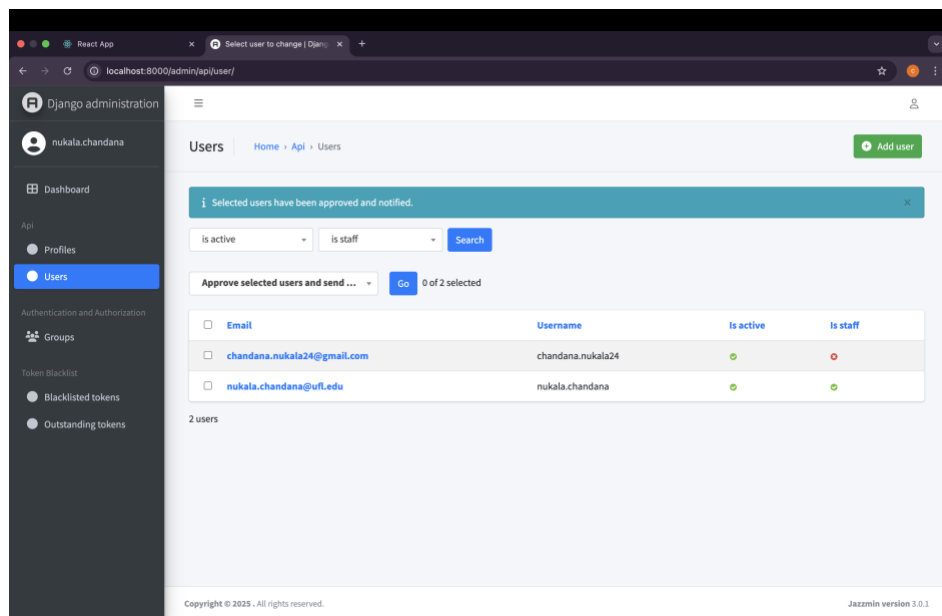
TC_04: Admin will receive email saying that a new user has registered.



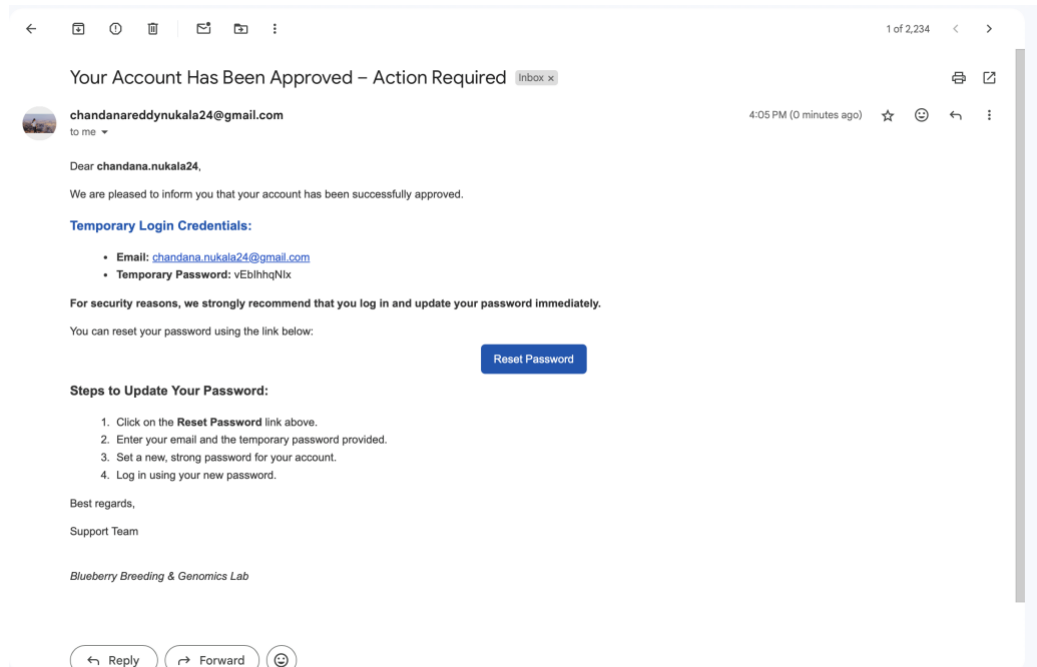
Clicking on Approve user in Admin panel will take us to admin page, Login with the superuser superuser credentials we created earlier.



- After logging in you will see that “is_active” state is false for one user.
- Select the checkbox for the user and in dropdown select “approve selected users and send email” and enter “Go”.

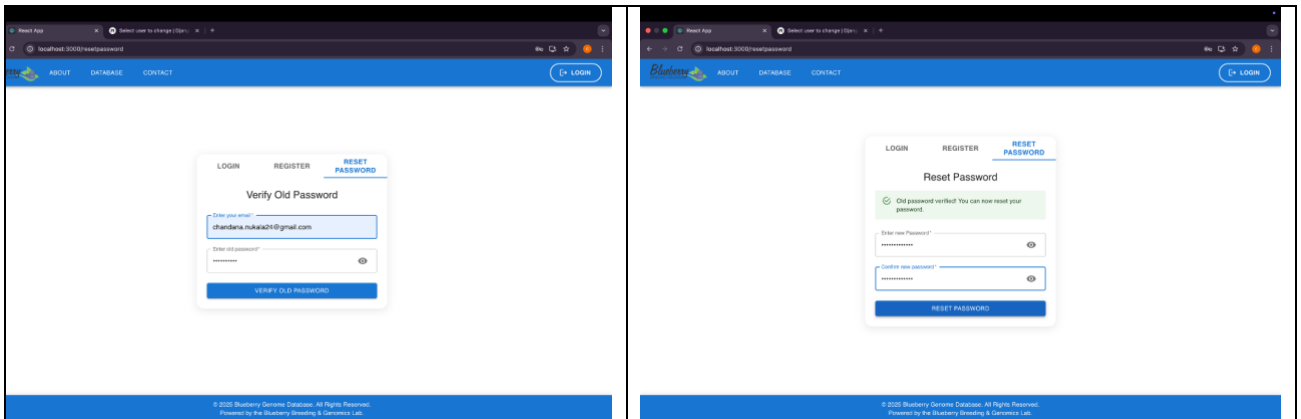


TC_05: Now user is active, and user will receive an email.



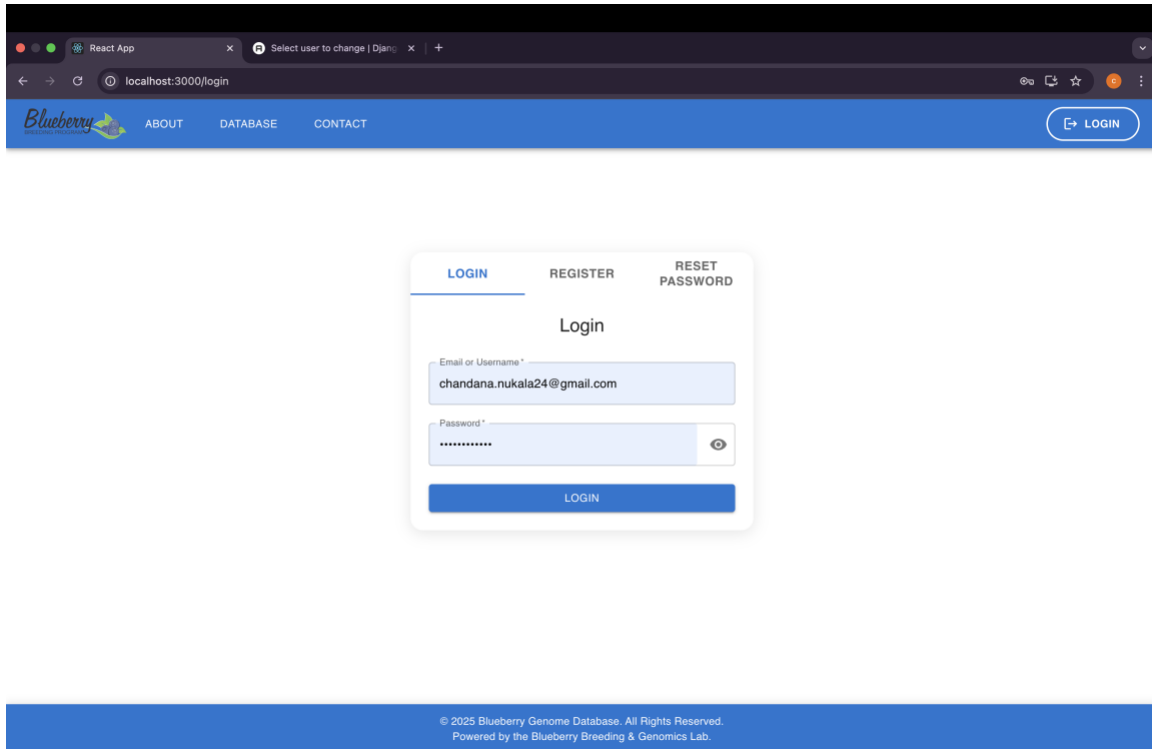
User can either directly login through the temporary password or I can click the reset password button in the email.

TC_06: To reset Password, first verify the old password with temporary password we got from the email.



After Old password is verified, create new password.

TC_07: After reset password step, user will be taken back to login page, enter the credentials to login.

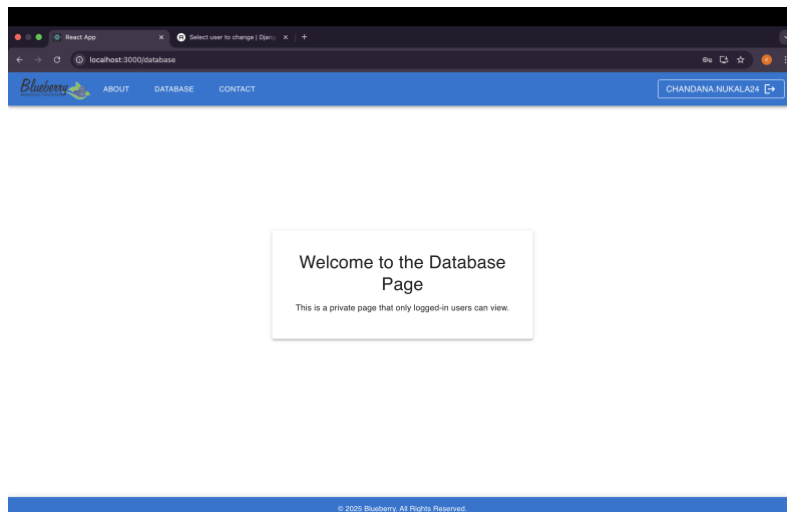


TC_08:

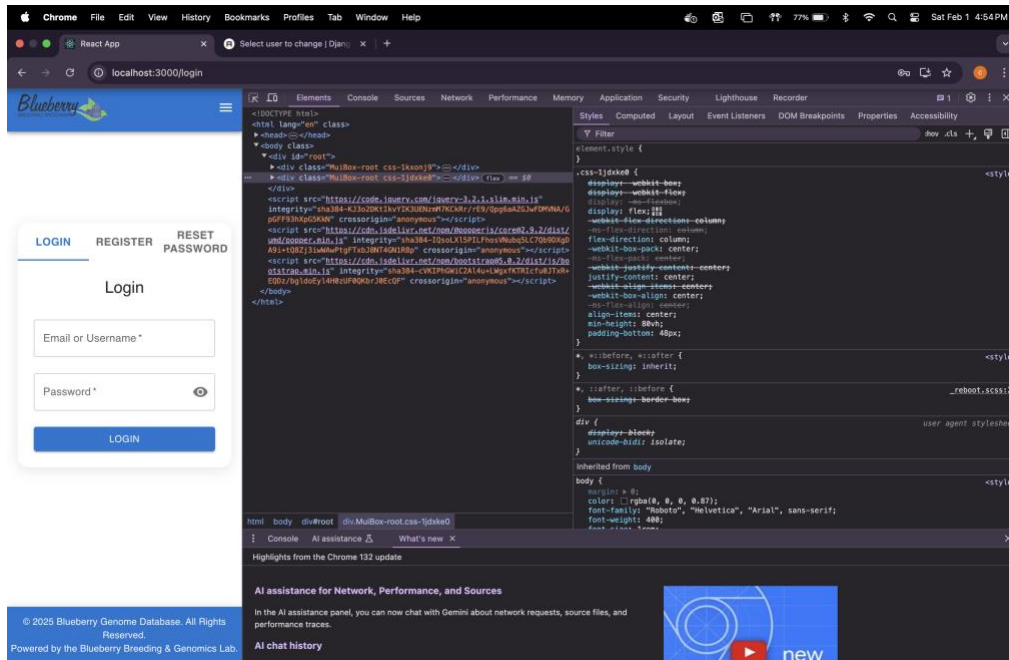
Once logged in, the user will be redirected to the home page.

The username will appear in the top-right corner, indicating successful authentication.

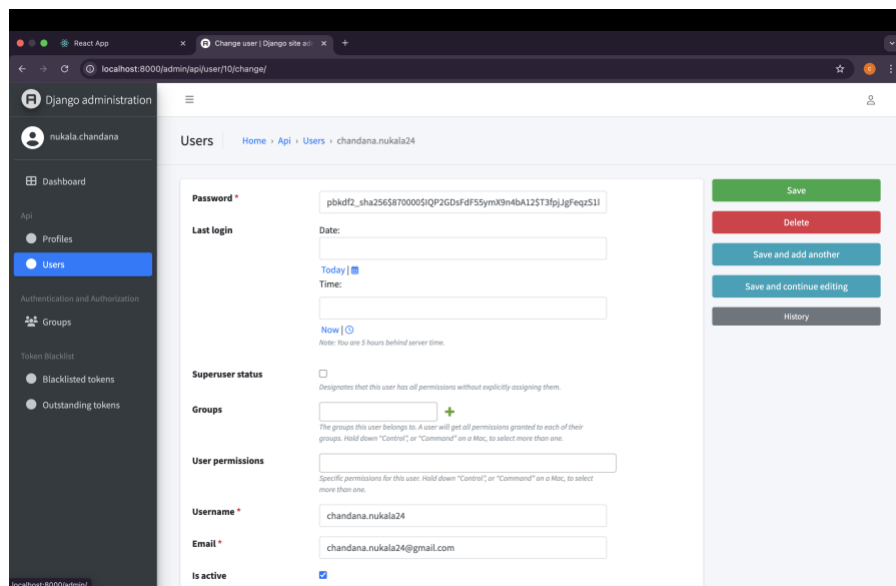
The user can now access the 'Explore the Database' page.



TC_09: Navigate to any page of the application and try reducing size of the page. The application layout adjusts correctly on different screen sizes (mobile, tablet, desktop). No overlapping elements, content remains accessible, and navigation functions properly on smaller screens.



TC_10: Login to admin portal, Select on any user
When a user registers or resets their password, the password is stored in a hashed format in the database



TC_11: If the user remains inactive for **5 minutes**, the system automatically logs them out and redirects them to the login page. Any attempt to perform actions after this timeout should require re-authentication. We can change this time in (backend/blueberry/settings.py) this file .