





# User Instructions Document



## What is Bio-Challenge?





Bio-challenge allows researchers and biometric solution providers to evaluate and benchmark the performance of their biometric SDKs against other participants within each challenge.



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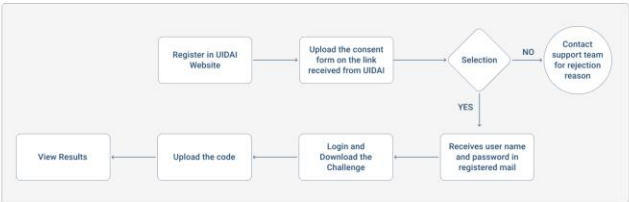
## 1. User Login and Registration:

[Home](#) | [Challenge](#) | [Participation Process](#) | [Results](#)

### Register For SDK Challenge

Registration flow diagram



```

graph LR
    A[Register in UIDAI Website] --> B[Upload the consent form on the link received from UIDAI]
    B --> C{Selection}
    C -- NO --> D((Contact support team for rejection reason))
    C -- YES --> E[Receives user name and password in registered mail]
    E --> F[Login and Download the Challenge]
    F --> G[Upload the code]
    G --> H[View Results]
    
```

Download the consent form from [here](#)

### Fill The Form To Create An Account

First Name \*

Last Name

Username \*

Character limit 5 - 20 (Note: Username cannot be changed once set)

Email ID \*

Institution Name \*

Character limit 4 - 50

Personal Address \* (as per valid govt. ID proof)

Character limit exceeding

Upload ID proof (If Aadhaar please mask the first 8 digits)

Choose File

No file chosen

File format - pdf, jpg (upto 5MB file size is allowed)

Upload Photo

Choose File

No file chosen

File format - pdf, jpg (Photo should be in atleast 400 x 400 px and less than 5MB)

☐

I abide by Code of Conduct and Privacy Policy

Sign Up / Register

**Contact Us**

Toll free : 1947

emailhelp@uidai.gov.in


**To Collaborate, email to us:**

collaborate@uidai.net.in

**UIDAI Head Office**

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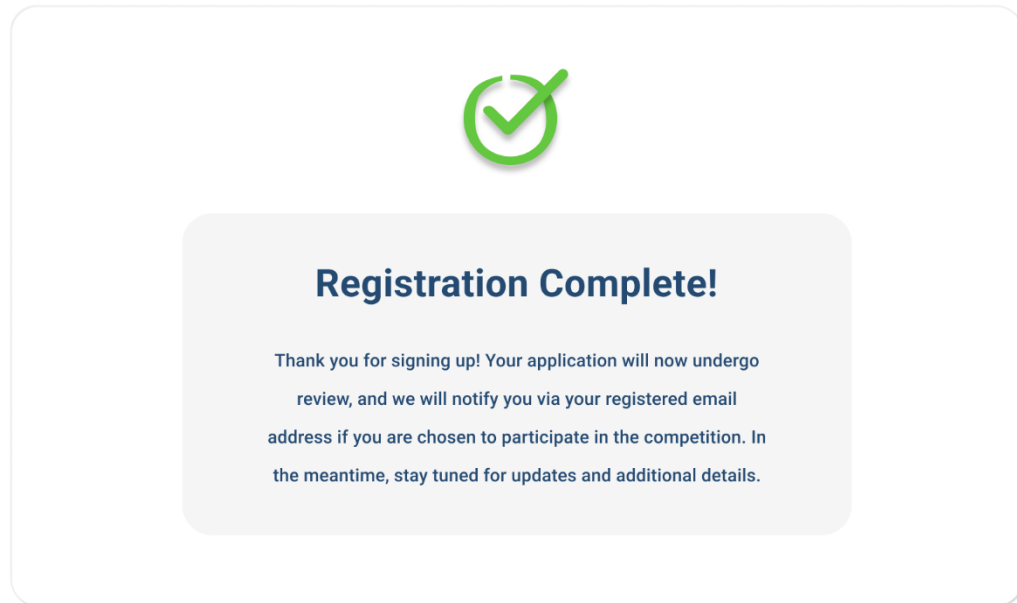
**Knowledge Partner**



**MSC**


Microsoft Consulting

- **Step 1:**
  - Homepage and Initial Registration Open the HOME page and click on "Sign Up" to create a username and fill in the other required details.
  - After successful submission of above form you will get below message.




- **Step 2:**
  - Final Registration and Consent Form After completing the initial user registration, you will receive an email to your registered email id. In that email, you will find a link to the consent form and final user registration. If you do not receive the email, check your Junk/Spam folder.


- Read the consent form and upload it to complete the final registration and receive a pass




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## Send Your Consent

Email ID \*

Upload Signed Consent Form (Attached in your mail)

Choose File


No file chosen

File format - pdf, jpg (upto 5MB file size is allowed)

Submit

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**Your Registration Is Successful.**  
We Will Intimate You On Your Selection Within 48  
Hours

- **Step 3:**

- Create a Password Open the link you received through the email and create a password for login. Make sure to create a strong password.

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Home Challenge Participation Process Results

## Set Password

Email ID \*

Password \*

One lowercase letter, one uppercase letter, one numeric digit, and one special character is required  
Minimum length is 8 characters

Confirm Password \*

Show Password

Submit

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- **Step 4:**
  - Login and Access Challenges To access the Challenges, click on "Login" and enter your username and password. Regenerate response

## 2. Select a New Challenge:


- **Step 1:**
  - Log in to the platform Once you are logged in, access the Challenges tab.




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## Login

Username

Password

Captcha\*

49\$juv 

Forgot password/ username?

Login

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- **Step 2:**
  - o Select Ongoing Challenges from the Challenges tab, select the Ongoing Challenges option.

## UIDAI BioChallenge 2025




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Home Participation Process **Challenge** Submission Results Logout

Start searching by challenge name or segment name

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- **Step 3:**
  - o View Challenge Details and Submissions Click on the "Details/Submissions" button for the challenge you wish to participate in.



## UIDAI BioChallenge 2025



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### Ongoing Challenges

Start searching by challenge name or segment name






Challenge & Segment Name	Start Date	End Date	Details / Submission
Irischallenge01 Iris	2023-05-13	2023-06-13	Details / Submission

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- **Step 4:**
  - o Download the Challenge Details and Validation Package Download the challenge details and validation package from the provided link.



HomeChallengesParticipation ProcessLeaderboardSubmissionResultsLogout

### Challenge Details

Challenge & Segment Name	Start Date	End Date	Challenge Details	Add Submission
Fingerprint_BioChallenge FINGERPRINT	2025-03-17	2025-03-31	Download	Add Submission

- **Step 5:**
  - o Follow the instructions in the validation package.

### **3. User Validation Package Details:**

- **Common Folder:**
  - o The user\_validation package is a package that contains two separate folders, UID and common. The common folder deals mostly with data in the form of images of faces, fingerprints, and IRIS. It contains a src folder which has some header files related to faces, fingerprints, and IRIS.
- **UID Folder:**
  - o The UID folder contains 2 folders: biosdk (which contains the user's sdk implementation) and
- **Usage of the package:**
  - o To use this package, you should first navigate to the UID folder and run the script "run\_validate\_11.sh" or "run\_validate\_11.bat" to build the docker image and run the validation tests. On successful execution, it will create a "submission.tar.gz" file which is the final user submission file.
- **Biosdk Folder:**
  - o This folder contains a sample FastAPI application that the user needs to modify and extend to implement the required functionality.

### **4. Create Submission:**

- Test your submissions on local before submission. Please feel free to contact [support-biochallenge@uidai.net.in](mailto:support-biochallenge@uidai.net.in) for any query
- To submit your challenge, navigate to the "**Submissions**" page for the **Ongoing Challenge** you have been working on.

**Add Submission**

Algorithm Name \*

Character limit 2 - 25 | Example - algorithm\_name

Algorithm Version \*

v

Character limit 2 - 25 | Example - v1.0

Upload Submission Description File \*

Choose File

No file chosen

File format - file\_name.pdf

Upload Submission \*

Choose File

No file chosen

File format - file\_name.tar.gz or file\_name.zip

Add Submission

- Upload the tar files that was generated in the previous step. This will complete your submission for the challenge.
- It is important to note that you will need to wait for the results, which will be evaluated by moderators. You will be notified of the results via email.
- You will be able see your results and leaderboard status in the BioChallenge website

*“We wish you the best of luck for the challenge.”*