**FFEDBACK-HOSPITAL APIS**

**BASE URL:** [**https://hospital-feedback-app.onrender.com**](https://hospital-feedback-app.onrender.com)

**User Management API Documentation**

Authentication

All endpoints require the appropriate user role permissions. For protected endpoints, include the user's token in the request headers.

**ESER ENDPOINTS**

**1. User Signup**

Endpoint: https://hospital-feedback-app.onrender.com/signup/

Method: POST

Description: Register a new user.

Request Body:

json

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{

"email": "user@example.com",

"phone": "1234567890",

"username": "user123",

"password": "securepassword"

}

Response:

Success:

json

Copy code

{

"message": "User saved successfully"

}

Error:

json

Copy code

{

"error": "Error message describing the issue"

}

**2. User Login**

Endpoint: https://hospital-feedback-app.onrender.com/login/

Method: POST

Description: Log in a user.

Request Body:

json

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{

"username": "user123",

"password": "securepassword"

}

Response:

Success:

json

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{

"message": "Login successful",

"feedbacks": [...], // For admin/staff

"users": [...] // For admin

}

Error:

json

Copy code

{

"error": "Invalid username or password."

}

**3. View All Users**

Endpoint: https://hospital-feedback-app.onrender.com/users/

Method: GET

Description: Retrieve a list of all users.

Response:

json

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[

{

"id": 1,

"username": "user1",

"email": "user1@example.com",

"phone": "1234567890",

"role": "user"

},

...

]

**4. Edit User**

Endpoint: https://hospital-feedback-app.onrender.com/user\_edit/<int:user\_id>/

Method: PUT

Description: Edit a user's information.

Request Body:

json

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{

"email": "newemail@example.com",

"phone": "0987654321",

// other fields as needed

}

Response:

Success:

json

Copy code

{

"id": 1,

"username": "user1",

"email": "newemail@example.com",

"phone": "0987654321",

"role": "user"

}

Error:

json

Copy code

{

"error": "Error message describing the issue"

}

**5. Delete User**

Endpoint: https://hospital-feedback-app.onrender.com/delete\_user/<int:user\_id>/

Method: DELETE

Description: Delete a user.

Response:

Success:

json

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{

"success": true

}

Error:

json

Copy code

{

"error": "User does not exist"

}

**6. Logout**

Endpoint: https://hospital-feedback-app.onrender.com/logout/

Method: POST

Description: Log out the current user.

Response:

json

Copy code

{

"message": "Logged out successfully"

}

**7. Total Users**

Endpoint: https://hospital-feedback-app.onrender.com/total\_users/

Method: GET

Description: Get the total number of users.

Response:

json

Copy code

{

"total\_users": 100

}

**8. Get User by ID**

Endpoint: https://hospital-feedback-app.onrender.com/get\_user/<int:user\_id>/

Method: GET

Description: Retrieve user details by ID.

Response:

json

Copy code

{

"id": 1,

"username": "user1",

"email": "user1@example.com",

"phone": "1234567890",

"role": "user",

"created\_at": "2023-01-01T12:00:00Z",

"last\_login": "2023-01-02T12:00:00Z"

}

**9. Reset Password**

Endpoint: https://hospital-feedback-app.onrender.com/reset\_password/

Method: POST

Description: Reset a user's password.

Request Body:

json

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{

"username": "user123",

"email": "user@example.com",

"new\_password": "newsecurepassword"

}

Response:

Success:

json

Copy code

{

"message": "Password changed successfully. Please check your email for confirmation."

}

Error:

json

Copy code

{

"error": "Invalid username or email."

}

**10. Download Users PDF**

Endpoint: https://hospital-feedback-app.onrender.com/download/pdf/

Method: GET

Description: Download a PDF containing all users.

Response:

Returns a PDF file for download.

**11. Download Users Excel**

Endpoint: https://hospital-feedback-app.onrender.com/download/excel/

Method: GET

Description: Download an Excel file containing all users.

Response:

Returns an Excel file for download.

**FEEDBACK ENDPOINTS**

1. **Create Feedback**

URL: //hospital-feedback-app.onrender.com/feedback/create/

Method: POST

Description: Create a new feedback entry.

Request Body: JSON

email (string, required): Email of the user leaving the feedback.

request (string): Description of the request or issue.

feedback (string): Feedback content.

Response: JSON

Returns the created feedback entry if successful.

Permissions: Authenticated users only.

**2. List Feedbacks**

URL: //hospital-feedback-app.onrender.com/feedback/list/

Method: GET

Description: Retrieve all feedback entries.

Response: JSON

Returns a list of feedback entries.

Permissions: Public access.

**3. Update Feedback**

URL: //hospital-feedback-app.onrender.com/feedback/update/<int:pk>/

Method: PUT

Description: Update an existing feedback entry by ID.

Request Body: JSON

request (string): Updated description of the request or issue.

feedback (string): Updated feedback content.

Response: JSON

Returns the updated feedback entry.

Permissions: Authenticated users only.

**4. Delete Feedback**

URL: //hospital-feedback-app.onrender.com/feedback/delete/<int:pk>/

Method: DELETE

Description: Delete a feedback entry by ID.

Response: JSON

Returns success message if deletion is successful.

Permissions: Authenticated users only.

**5. Search Feedback by Content**

URL: //hospital-feedback-app.onrender.com/feedback/search/feedback/?query=<search\_query>

Method: GET

Description: Search feedback entries by content.

Query Parameters:

query (string, required): Search query.

Response: JSON

Returns a list of feedback entries matching the search query.

Permissions: Public access.

**6. Search Feedback by Request**

URL: //hospital-feedback-app.onrender.com/feedback/search/request/?query=<search\_query>

Method: GET

Description: Search feedback entries by request content.

Query Parameters:

query (string, required): Search query.

Response: JSON

Returns a list of feedback entries with request content matching the search query.

Permissions: Public access.

**7. Search Feedback by Email**

URL: //hospital-feedback-app.onrender.com/feedback/search/email/?query=<search\_query>

Method: GET

Description: Search feedback entries by user email.

Query Parameters:

query (string, required): Search query.

Response: JSON

Returns a list of feedback entries associated with the user email matching the search query.

Permissions: Public access.

**8. Get Feedback by ID**

URL: //hospital-feedback-app.onrender.com/feedback/<int:pk>/

Method: GET

Description: Retrieve a feedback entry by its ID.

Response: JSON

Returns the feedback entry with the specified ID.

Permissions: Public access.

**9. Respond to Feedback**

URL: //hospital-feedback-app.onrender.com/feedback/respond/<int:pk>/

Method: POST

Description: Respond to a feedback entry by sending an email to the user.

Request Body: JSON

response (string, required): Response text to be sent to the user.

Response: JSON

Returns success message if the response email is sent successfully.

Permissions: Authenticated users only.

**10. Download Feedbacks as PDF**

URL: //hospital-feedback-app.onrender.com/feedback/download/pdf/

Method: GET

Description: Download feedback entries as a PDF file.

Response: PDF File

Downloads a PDF file containing feedback entries.

Permissions: Authenticated users only.

**11. Download Feedbacks as Excel**

URL: //hospital-feedback-app.onrender.com/feedback/download/excel/

Method: GET

Description: Download feedback entries as an Excel file.

Response: Excel File

Downloads an Excel file containing feedback entries.

**BLOG ENDPOINTS**

1. **Create Blog**

URL: //hospital-feedback-app.onrender.com/blog/create/

Method: POST

Description: Create a new blog post.

Request Body: JSON

title (string): Title of the blog post.

content (string): Content of the blog post.

email (string): Email of the author.

picture (string): Base64-encoded image data for the blog post picture.

Response: JSON

Returns success message if the blog post is created successfully.

Permissions: Public access.

**2. List Blogs**

URL: //hospital-feedback-app.onrender.com/blog/list/

Method: GET

Description: Retrieve all blog posts.

Response: JSON

Returns a list of all blog posts.

Permissions: Public access.

**3. Update Blog**

URL: //hospital-feedback-app.onrender.com/blog/update/<int:pk>/

Method: PUT

Description: Update an existing blog post by ID.

Request Body: JSON

title (string): Updated title of the blog post.

content (string): Updated content of the blog post.

email (string): Updated email of the author.

picture (string): Base64-encoded image data for the updated blog post picture.

Response: JSON

Returns success message if the blog post is updated successfully.

Permissions: Public access.

**4. Delete Blog**

URL: //hospital-feedback-app.onrender.com/blog/delete/<int:pk>/

Method: DELETE

Description: Delete a blog post by ID.

Response: JSON

Returns success message if the blog post is deleted successfully.

Permissions: Public access.

**5. Search Blogs by User**

URL: //hospital-feedback-app.onrender.com/blog/search/<str:email>/

Method: GET

Description: Retrieve blog posts by the author's email.

Response: JSON

Returns a list of blog posts authored by the specified email.