



PSL Spotlight API – AuthController Documentation

Auth Note

Most endpoints are public (`/register`, `/login`, `/forgot-password`, `/reset-password/{token}`), while `/delete` requires authentication via `@RequestAttribute("userId")`.

POST /auth/register

- **Description:** Register a new user.
- **Content-Type:** `application/json`
- **Request Body Example:**

```
{  
  "username": "tomvuma",  
  "email": "tom@example.com",  
  "password": "securepass123",  
  "teamSupported": "Pretoria Capitals"  
}
```

- **Response Example:**

```
{  
  "message": "User registered successfully",  
  "id": 42  
}
```

POST /auth/login

- **Description:** Log in and receive JWT token.
- **Content-Type:** `application/json`
- **Request Body Example:**

```
{  
  "email": "tom@example.com",  
  "password": "securepass123"  
}
```

- **Response Example:**

```
{  
  "token": "eyJhbGciOiJIUzI1NilsInR5cCI6IkpxVCJ9..."  
}
```

🔴 DELETE /auth/delete

- **Description:** Delete authenticated user's account.
- **Request Body:** *None*
- **Response Example:**

```
{  
  "message": "Account deleted successfully"  
}
```

🟢 POST /auth/forgot-password

- **Description:** Request password reset token via email.
- **Content-Type:** `application/json`
- **Request Body Example:**

```
{  
  "email": "tom@example.com"  
}
```

- **Response Example:**

```
{  
  "resetToken": "abc123xyz"  
}
```

🟢 POST /auth/reset-password/{token}

- **Description:** Reset password using token.
- **Content-Type:** `application/json`
- **Request Body Example:**

```
{
```

```
"newPassword": "newSecurePass456"  
}
```

- **Response Example:**

```
{  
  "message": "Password reset successful"  
}
```

● POST /auth/test-user

- **Description:** Debug endpoint to build a test user.
- **Request Body:** None
- **Response Example:**

"User ID: null"

PSL Spotlight API – UserController Documentation

🔒 Auth Note

All endpoints assume a secure context with `@RequestAttribute("userId")` injected from a JWT or session. Swagger should reflect this via a global `Authorization` header.

📘 GET /users/me

- **Description:** Fetch current authenticated user's profile.
- **Request Body:** None
- **Response Example:**

```
json  
{  
  "id": 42,  
  "username": "tomvuma",  
  "teamSupported": "Pretoria Capitals",  
  "profilePictureUrl": "/uploads/1700000000000000_avatar.png"  
}
```

GET /users/{id}

- **Description:** Fetch public profile of user by ID.
- **Request Body:** *None*

GET /users/{id}/posts

- **Description:** Get posts created by a user.
- **Request Body:** *None*
- **Response Example:**

```
json
[
  {
    "id": 101,
    "content": "Excited for the PSL season!",
    "createdAt": "2025-12-01T10:00:00Z"
  }
]
```

GET /users/{id}/following

- **Description:** List users this user is following.
- **Request Body:** *None*

GET /users/{id}/followers

- **Description:** List users following this user.
- **Request Body:** *None*

POST /users/{id}/follow

- **Description:** Authenticated user follows user with `{id}`.
- **Request Body:** *None*
- **Response Example:**

```
json
"Followed successfully"
```

POST /users/{id}/unfollow

- **Description:** Authenticated user unfollows user with `{id}`.
- **Request Body:** *None*
- **Response Example:**

```
json
"Unfollowed successfully"
```

● PUT /users/me (multipart/form-data)

- **Description:** Update current user's profile with optional image.
- **Content-Type:** multipart/form-data
- **Request Body Example (Postman form-data tab):**

Code

Key	Value
username	tomvuma
teamSupported	Pretoria Capitals
profilePicture	[choose file]

PSL Spotlight API – PostController Documentation

Auth Note

All endpoints assume a secure context with `@AuthenticationPrincipal UserPrincipal`. Swagger should reflect this via a global `Authorization` header.

● POST /posts (multipart/form-data)

- **Description:** Create a new post with optional image.
- **Content-Type:** multipart/form-data
- **Request Body Example (Postman form-data tab):**

Key	Value
playerId	7
playerName	Babar Azam
club	Karachi Kings
matchweek	3
title	Stellar Performance
content	Babar smashed a brilliant 90 off 50 balls!
image	[choose file]

- **Response Example:**

```
{  
  "id": 101,  
  "playerName": "Babar Azam",  
  "club": "Karachi Kings",  
  "matchweek": 3,  
  "title": "Stellar Performance",  
  "content": "Babar smashed a brilliant 90 off 50 balls!",  
  "image": "170000000000_babar.jpg",  
  "user": "tomvuma"  
}
```

GET /posts

- **Description:** Fetch all posts, optionally filtered by matchweek.
- **Query Param Example:** ?week=3
- **Request Body:** None

- **Response Example:**

```
[  
  {  
    "id": 101,  
    "playerName": "Babar Azam",  
    "club": "Karachi Kings",  
    "matchweek": 3,  
    "title": "Stellar Performance",  
    "content": "Babar smashed a brilliant 90 off 50 balls!",  
    "image": "170000000000_babar.jpg",  
    "username": "tomvuma",  
    "tags": [],  
    "likes": 12,  
    "createdAt": "2025-12-15T10:00:00Z"  
  }  
]
```

GET /posts/{id}

- **Description:** Fetch a single post by ID.
- **Request Body:** None

PUT /posts/{id}

- **Description:** Edit an existing post.
- **Request Body Example (JSON):**

```
json
{
  "playerName": "Babar Azam",
  "club": "Karachi Kings",
  "matchweek": 3,
  "title": "Updated Title",
  "content": "Babar's innings was even better than expected!",
  "image": "1700000000000_babar.jpg"
}
```

DELETE /posts/{id}

- **Description:** Delete a post by ID.
- **Request Body:** *None*
- **Response Example:**

"Post deleted successfully"

PSL Spotlight API – PlayerController Documentation

Auth Note

These endpoints don't require authentication by default, but you can add security annotations if needed.

POST /players (multipart/form-data)

- **Description:** Create a new player with optional profile image.
- **Content-Type:** `multipart/form-data`
- **Request Body Example (Postman form-data tab):**

Key	Value
name	Shaheen Afridi

club	Lahore Qalandars
position	Bowler
playerPicture	[choose file]

format: binary

GET /players

- **Description:** Fetch all players.
- **Request Body:** *None*
- **Response Example:**

```
[
  {
    "id": 1,
    "name": "Shaheen Afridi",
    "club": "Lahore Qalandars",
    "position": "Bowler",
    "playerPicture": "1700000000000000_shaheen.jpg"
  }
]
```

GET /players/{id}

- **Description:** Fetch a single player by ID.
- **Request Body:** *None*

PUT /players/{id} (multipart/form-data)

- **Description:** Update player stats and profile image.
- **Content-Type:** `multipart/form-data`
- **Request Body Example (Postman form-data tab):**

Code

Key	Value
name	Shaheen Afridi
club	Lahore Qalandars
position	Bowler
goals	0
assists	0
appearances	12
trendingRating	9.2
playerPicture	[choose file]

🔴 DELETE /players/{id}

- **Description:** Delete a player by ID.
- **Request Body:** *None*
- **Response Example:**

"Player deleted successfully"

PSL Spotlight API – NotificationController Documentation

🔒 Auth Note

All endpoints require `@RequestAttribute("userId")`, so Swagger should include a global `Authorization` header.

📘 GET /notifications

- **Description:** Fetch all notifications for the authenticated user.
- **Request Body:** *None*
- **Response Example:**

```
[  
 {  
   "id": 1,  
   "message": "You have a new follower!",  
   "read": false,  
   "createdAt": "2025-12-15T13:45:00Z"  
 },  
 {  
   "id": 2,  
   "message": "Your post received 5 new likes.",  
   "read": true,  
   "createdAt": "2025-12-14T09:30:00Z"  
 }  
 ]
```

🟡 PUT /notifications/read

- **Description:** Mark all notifications as read for the authenticated user.
- **Request Body:** *None*
- **Response Example:**

"All notifications marked as read"

PSL Spotlight API – LikeController Documentation

Auth Note

All endpoints require authentication via `@AuthenticationPrincipal UserPrincipal`. Swagger should include a global `Authorization` header.

POST /likes/{postId}

- **Description:** Authenticated user likes the post with the given ID.
- **Request Body:** *None*
- **Response Example:**

```
{  
    "id": 12,  
    "postId": 101,  
    "userId": 42,  
    "username": "tomvuma",  
    "createdAt": "2025-12-15T14:00:00Z"  
}
```

DELETE /likes/{postId}

- **Description:** Authenticated user unlikes the post with the given ID.
- **Request Body:** *None*
- **Response Example:**

"Post unliked"

GET /likes/{postId}

- **Description:** Fetch all likes for a specific post.
 - **Request Body:** *None*
 - **Response Example:**
-

PSL Spotlight API – CommentController Documentation

Auth Note

All endpoints require authentication via `@AuthenticationPrincipal UserPrincipal`. Swagger should include a global `Authorization` header.

POST /comments/{postId}

- **Description:** Create a new comment on a specific post.
- **Content-Type:** `application/json`
- **Request Body Example:**

```
{  
  "content": "That was an incredible innings!"  
}
```

- **Response Example:**

```
{  
  "id": 88,  
  "postId": 101,  
  "userId": 42,  
  "username": "tomvuma",  
  "content": "That was an incredible innings!",  
  "createdAt": "2025-12-15T14:10:00Z"  
}
```

GET /comments/{postId}

- **Description:** Fetch all comments for a specific post.
- **Request Body:** *None*
- **Response Example:**

```
[  
 {
```

```

    "id": 88,
    "postId": 101,
    "userId": 42,
    "username": "tomvuma",
    "content": "That was an incredible innings!",
    "createdAt": "2025-12-15T14:10:00Z"
},
{
    "id": 89,
    "postId": 101,
    "userId": 56,
    "username": "cricketfan88",
    "content": "Agreed! Babar was on fire!",
    "createdAt": "2025-12-15T14:12:00Z"
}
]

```

DELETE /comments/{id}

- **Description:** Delete a comment by ID (only if owned by authenticated user).
- **Request Body:** *None*
- **Response Example:**

"Comment deleted"

PSL Spotlight API – SearchController Documentation

Auth Note

These endpoints are public by default, but you can secure them with `@RequestAttribute("userId")` if needed.

GET /search/players

- **Description:** Search players by name or club.
- **Query Param:** `keyword=afridi`
- **Request Body:** *None*
- **Response Example:**

[

```
[  
  {  
    "id": 1,  
    "name": "Shaheen Afridi",  
    "club": "Lahore Qalandars",  
    "position": "Bowler",  
    "playerPicture": "17000000000000_shaheen.jpg",  
    "goals": 0,  
    "assists": 0,  
    "appearances": 12,  
    "trendingRating": 9.2,  
    "createdAt": "2025-12-01T10:00:00Z"  
  }  
]
```

GET /search/posts

- **Description:** Search posts by title or tags.
- **Query Param:** keyword=performance
- **Request Body:** None
- **Response Example:**

```
[  
  {  
    "id": 101,  
    "playerName": "Babar Azam",  
    "club": "Karachi Kings",  
    "matchweek": 3,  
    "title": "Stellar Performance",  
    "content": "Babar smashed a brilliant 90 off 50 balls!",  
    "image": "17000000000000_babar.jpg",  
    "username": "tomvuma",  
    "tags": ["babar", "matchweek3"],  
    "likes": 12,  
    "createdAt": "2025-12-15T10:00:00Z"  
  }  
]
```

GET /search/users

- **Description:** Search users by username or team supported.
- **Query Param:** keyword=pretoria
- **Request Body:** None
- **Response Example:**

```
[  
 {  
   "id": 42,  
   "username": "tomvuma",  
   "teamSupported": "Pretoria Capitals",  
   "profilePictureUrl": "/uploads/1700000000000_avatar.png"  
 }  
]
```

PSL Spotlight API – AnalyticsController Documentation

Auth Note

These endpoints are typically admin-facing or dashboard-related. If needed, secure them with `@RequestAttribute("userId")` or role-based access.

GET /analytics/summary

- **Description:** Returns total counts of players, posts, and users.
- **Request Body:** *None*
- **Response Example:**

```
{  
   "totalPlayers": 24,  
   "totalPosts": 87,  
   "totalUsers": 312  
}
```

GET /analytics/trending-players

- **Description:** Returns top 5 players sorted by `trendingRating`.
- **Request Body:** *None*
- **Response Example:**

```
[  
 {  
   "id": 7,  
   "name": "Shaheen Afridi",  
   "club": "Lahore Qalandars",  
 }
```

```
        "position": "Bowler",
        "trendingRating": 9.2
    },
{
    "id": 3,
    "name": "Babar Azam",
    "club": "Karachi Kings",
    "position": "Batsman",
    "trendingRating": 9.0
}
]
```

GET /analytics/posts-by-week

- **Description:** Returns post volume grouped by matchweek.
- **Request Body:** *None*
- **Response Example:**

```
{
    "1": 12,
    "2": 18,
    "3": 24,
    "4": 33
}
```

GET /analytics/user-growth

- **Description:** Returns total user count (simple version).
- **Request Body:** *None*
- **Response Example:**