

# NyayaNet - Complete Backend API Specification

## API Base URL

text

http://localhost:3000/api/v1

## Authentication

All protected endpoints require JWT token in Authorization header:

text

Authorization: Bearer <jwt\_token>

## 1. AUTHENTICATION ENDPOINTS

### 1.1 Register User

POST /auth/register

Description: Register a new legal professional

Request Body:

json

```
{  
  "email": "advocate.sharma@example.com",  
  "password": "securePassword123",  
  "fullName": "Ravi Sharma",  
  "role": "LAWYER", // LAW_STUDENT, LAWYER, JUDGE, LEGAL_PROFESSIONAL, ADVOCATE  
  "designation": "Senior Advocate",  
  "organization": "Sharma & Associates",  
  "areaOfInterest": ["Consumer Law", "Contract Law"],  
  "experienceYears": 10,  
  "barCouncilNumber": "BAR/2020/12345",  
  "location": "Delhi, India",  
  "bio": "Specialized in Consumer Protection Act..."  
}
```

Response (201 Created):

json

```
{  
  "success": true,  
  "message": "Registration successful",  
  "data": {  
    "user": {  
      "id": "uuid",  
      "email": "advocate.sharma@example.com",  
      "fullName": "Ravi Sharma",  
      "role": "LAWYER",  
      "areaOfInterest": ["Consumer Law", "Contract Law"]  
    },  
    "token": "jwt_token_here",  
    "refreshToken": "refresh_token_here"  
  }  
}
```

## 1.2 Login

POST /auth/login

Description: Authenticate user and return tokens

Request Body:

json

```
{  
  "email": "advocate.sharma@example.com",  
  "password": "securePassword123"  
}
```

## Response (200 OK):

json

```
{  
  "success": true,  
  "message": "Login successful",  
  "data": {  
    "user": {  
      "id": "uuid",  
      "email": "advocate.sharma@example.com",  
      "fullName": "Ravi Sharma",  
      "role": "LAWYER",  
      "areaOfInterest": ["Consumer Law", "Contract Law"]  
    },  
    "token": "jwt_token_here",  
    "refreshToken": "refresh_token_here"  
  }  
}
```

```
"fullName": "Ravi Sharma",
"role": "LAWYER",
"profilePhotoUrl": "https://storage.url/profile.jpg"
},
"token": "jwt_token_here",
"refreshToken": "refresh_token_here"
}
}
```

## 1.3 Refresh Token

POST /auth/refresh-token

Description: Get new access token using refresh token

Request Body:

json

```
{
  "refreshToken": "refresh_token_here"
}
```

Response (200 OK):

json

```
{
  "success": true,
  "data": {
    "token": "new_jwt_token_here"
  }
}
```

## 1.4 Logout

POST /auth/logout

Description: Invalidate user token

Response (200 OK):

```
json
```

```
{  
  "success": true,  
  "message": "Logged out successfully"  
}
```

## 1.5 Forgot Password

POST /auth/forgot-password

Description: Send password reset email

Request Body:

```
json
```

```
{  
  "email": "advocate.sharma@example.com"  
}
```

Response (200 OK):

```
json
```

```
{  
  "success": true,  
  "message": "Password reset email sent if account exists"  
}
```

## 1.6 Reset Password

POST /auth/reset-password

Description: Reset password using token

Request Body:

```
json
```

```
{  
  "token": "reset_token_from_email",  
}
```

```
"password": "newSecurePassword123"  
}
```

Response (200 OK):

```
json  
  
{  
  "success": true,  
  "message": "Password reset successful"  
}
```

## 2. PROFILE MENU ENDPOINTS

### 2.1 Get User Profile

GET /profile/:userId

Description: Get user profile by ID

Response (200 OK):

```
json  
  
{  
  "success": true,  
  "data": {  
    "id": "uuid",  
    "fullName": "Ravi Sharma",  
    "email": "advocate.sharma@example.com",  
    "role": "LAWYER",  
    "designation": "Senior Advocate",  
    "organization": "Sharma & Associates",  
    "areaOfInterest": ["Consumer Law", "Contract Law"],  
    "experienceYears": 10,  
    "bio": "Specialized in Consumer Protection Act...",  
    "profilePhotoUrl": "https://storage.url/profile.jpg",  
    "coverPhotoUrl": "https://storage.url/cover.jpg",  
    "location": "Delhi, India",  
    "websiteUrl": "https://sharmaassociates.com",  
    "linkedinUrl": "https://linkedin.com/in/ravisharma",  
    "followerCount": 245,  
    "followingCount": 156,  
    "postCount": 56,  
  }  
}
```

```
"discussionCount": 23,  
"isFollowing": true, // If viewing other user's profile  
"createdAt": "2020-05-15T10:30:00Z"  
}  
}
```

## 2.2 Update Profile

PUT /profile

Description: Update current user's profile

Request Body (all fields optional):

json

```
{  
  "fullName": "Ravi Kumar Sharma",  
  "designation": "Managing Partner",  
  "organization": "Sharma Legal Associates",  
  "areaOfInterest": ["Consumer Law", "Corporate Law", "IPR"],  
  "bio": "Updated bio with more details...",  
  "location": "New Delhi, India",  
  "websiteUrl": "https://sharmalegal.com",  
  "linkedinUrl": "https://linkedin.com/in/ravisharmalegal"  
}
```

Response (200 OK):

json

```
{  
  "success": true,  
  "message": "Profile updated successfully"  
}
```

## 2.3 Upload Profile Photo

POST /profile/photo

Description: Upload or update profile photo

Headers:

text

Content-Type: multipart/form-data

Form Data:

- photo : File (JPEG, JPG, PNG, max 5MB)

Response (200 OK):

json

```
{  
  "success": true,  
  "message": "Profile photo updated",  
  "data": {  
    "profilePhotoUrl": "https://storage.url/profile-photos/uuid/photo.jpg",  
    "thumbnailUrl": "https://storage.url/profile-photos/uuid/thumbnails/thumb.jpg"  
  }  
}
```

## 2.4 Upload Cover Photo

POST /profile/cover-photo

Description: Upload or update cover photo

Headers:

text

Content-Type: multipart/form-data

Form Data:

- coverPhoto : File (JPEG, JPG, PNG, max 10MB)

Response (200 OK):

json

```
{  
  "success": true,
```

```
"message": "Cover photo updated",
"data": {
  "coverPhotoUrl": "https://storage.url/cover-photos/uuid/cover.jpg"
}
}
```

## 2.5 Get User Certifications

**GET** /profile/:userId/certifications

**Description:** Get all certifications for a user

**Response (200 OK):**

json

```
{
  "success": true,
  "data": {
    "certifications": [
      {
        "id": "uuid",
        "title": "Advocate on Record - Supreme Court",
        "issuingOrganization": "Supreme Court of India",
        "credentialId": "AOR/2021/123",
        "issueDate": "2021-06-15",
        "expiryDate": "2026-06-15",
        "certificateUrl": "https://storage.url/certificates/uuid/aor-certificate.pdf",
        "fileType": "PDF",
        "description": "Certified Advocate on Record for Supreme Court",
        "tags": ["Supreme Court", "Advocate on Record"]
      }
    ]
  }
}
```

## 2.6 Add Certification

**POST** /profile/certifications

**Description:** Add a new certification

**Headers:**

text

Content-Type: multipart/form-data

## Form Data:

- certificate : File (PDF, JPEG, JPG, PNG, max 10MB)
- title : String (required)
- issuingOrganization : String (required)
- credentialId : String (optional)
- issueDate : Date (required, YYYY-MM-DD)
- expiryDate : Date (optional, YYYY-MM-DD)
- description : String (optional)
- tags : Comma-separated string (optional)

## Response (201 Created):

json

```
{  
  "success": true,  
  "message": "Certification added successfully",  
  "data": {  
    "certification": {  
      "id": "uuid",  
      "title": "Advocate on Record - Supreme Court"  
    }  
  }  
}
```

## 2.7 Delete Certification

DELETE /profile/certifications/:certificationId

Description: Remove a certification

## Response (200 OK):

json

```
{  
  "success": true,
```

```
        "message": "Certification deleted successfully"
    }
```

## 2.8 Get User Posts (My Posts)

GET /profile/:userId/posts

Query Parameters:

- page : Page number (default: 1)
- limit : Posts per page (default: 20)
- type : Filter by post type
- sort : newest, popular

Response (200 OK):

json

```
{
  "success": true,
  "data": {
    "posts": [
      {
        "id": "uuid",
        "title": "Recent Consumer Law Amendment Analysis",
        "content": "Analysis of the latest amendments...",
        "postType": "ARTICLE",
        "tags": ["Consumer Law", "CPA 2019"],
        "likeCount": 45,
        "commentCount": 12,
        "viewCount": 230,
        "createdAt": "2024-01-15T14:00:00Z"
      }
    ],
    "pagination": {
      "total": 56,
      "page": 1,
      "limit": 20,
      "pages": 3
    }
  }
}
```

## 2.9 Get User Discussions (My Discussions)

GET /profile/:userId/discussions

Query Parameters:

- page : Page number
- limit : Discussions per page
- category : Filter by law category
- status : resolved, active

Response (200 OK):

```
json

{
  "success": true,
  "data": {
    "discussions": [
      {
        "id": "uuid",
        "title": "How to handle defective product cases under CPA 2019?",
        "description": "Looking for practical advice...",
        "category": "CONSUMER_LAW",
        "replyCount": 15,
        "upvoteCount": 23,
        "isResolved": false,
        "createdAt": "2024-01-14T10:30:00Z",
        "lastActivityAt": "2024-01-15T16:45:00Z"
      }
    ],
    "pagination": {
      "total": 23,
      "page": 1,
      "limit": 20,
      "pages": 2
    }
  }
}
```

## 2.10 Get User Bookmarks

GET /profile/bookmarks

Query Parameters:

- folder : Filter by folder
- type : POST, DISCUSSION, AI\_RESULT, LAW\_SECTION
- page : Page number
- limit : Items per page

**Response (200 OK):**

json

```
{
  "success": true,
  "data": {
    "bookmarks": [
      {
        "id": "uuid",
        "entityType": "POST",
        "entityId": "post_uuid",
        "folder": "CONSUMER_LAW",
        "notes": "Important precedent case",
        "createdAt": "2024-01-10T14:30:00Z",
        "post": {
          "title": "Consumer Law Precedent Analysis",
          "authorName": "Expert Lawyer",
          "excerpt": "Analysis of key precedent cases..."
        }
      }
    ],
    "folders": ["CONSUMER_LAW", "IMPORTANT", "GENERAL"]
  }
}
```

## 2.11 Profile Search

**GET /profile/search**

**Description:** Search within user's own content

**Query Parameters:**

- q : Search query
- type : posts, discussions, bookmarks
- tags : Filter by tags

**Response (200 OK):**

```
json
```

```
{  
    "success": true,  
    "data": {  
        "results": {  
            "posts": [  
                {  
                    "id": "uuid",  
                    "title": "Consumer Protection Act Analysis",  
                    "excerpt": "Detailed analysis of CPA 2019...",  
                    "createdAt": "2024-01-10T10:30:00Z"  
                }  
            ],  
            "discussions": [],  
            "bookmarks": []  
        }  
    }  
}
```

## 3. FEED/HOME MENU ENDPOINTS

### 3.1 Get Feed

GET /feed

Description: Get personalized feed of posts

Query Parameters:

- page : Page number (default: 1)
- limit : Posts per page (default: 20)
- type : Filter by post type
- tags : Filter by tags (comma-separated)
- sort : newest, popular, discussed
- following : true (only from followed users)

Response (200 OK):

```
json
```

```
{  
    "success": true,
```

```

"data": {
  "posts": [
    {
      "id": "uuid",
      "title": "Recent Consumer Law Amendment Analysis",
      "content": "Analysis of the latest amendments...",
      "excerpt": "Analysis of the latest amendments to Consumer Protection Act...",
      "postType": "ARTICLE",
      "tags": ["Consumer Law", "CPA 2019"],
      "likeCount": 45,
      "commentCount": 12,
      "viewCount": 230,
      "saveCount": 15,
      "createdAt": "2024-01-15T14:00:00Z",
      "media": [
        {
          "mediaUrl": "https://storage.url/posts/uuid/image.jpg",
          "mediaType": "IMAGE",
          "thumbnailUrl": "https://storage.url/posts/uuid/thumbnails/thumb.jpg"
        }
      ],
      "author": {
        "id": "uuid",
        "fullName": "Ravi Sharma",
        "role": "LAWYER",
        "profilePhotoUrl": "https://storage.url/profile.jpg",
        "organization": "Sharma & Associates"
      },
      "hasLiked": true,
      "isSaved": false,
      "isFollowingAuthor": true
    }
  ],
  "pagination": {
    "total": 156,
    "page": 1,
    "limit": 20,
    "pages": 8
  },
  "availableTags": ["Consumer Law", "Contract Law", "Corporate Law", "Criminal Law"]
}
}

```

## 3.2 Create Post

POST /feed/posts

Description: Create a new post

Headers:

text

Content-Type: multipart/form-data

Form Data:

- content : String (required)
- title : String (optional)
- postType : POST, QUESTION, ARTICLE, ANNOUNCEMENT
- tags : Comma-separated string
- isPublic : Boolean (default: true)
- allowComments : Boolean (default: true)
- media[] : Files (max 5, JPEG, JPG, PNG, PDF, max 10MB each)

Response (201 Created):

json

```
{  
  "success": true,  
  "message": "Post created successfully",  
  "data": {  
    "post": {  
      "id": "uuid",  
      "title": "Post Title",  
      "createdAt": "2024-01-15T15:30:00Z"  
    }  
  }  
}
```

### 3.3 Get Single Post

GET /feed/posts/:postId

Description: Get detailed post with comments

Response (200 OK):

json

```
{  
  "success": true,  
  "data": {  
    "post": {  
      "id": "uuid",  
      "title": "Post Title",  
      "content": "Full post content...",  
      "postType": "ARTICLE",  
      "tags": ["Consumer Law"],  
      "likeCount": 45,  
      "commentCount": 12,  
      "viewCount": 231,  
      "saveCount": 8,  
      "isPublic": true,  
      "allowComments": true,  
      "createdAt": "2024-01-15T14:00:00Z",  
      "updatedAt": "2024-01-15T14:30:00Z",  
      "media": [  
        {  
          "id": "uuid",  
          "mediaUrl": "https://storage.url/posts/uuid/document.pdf",  
          "mediaType": "PDF",  
          "fileName": "consumer_case_analysis.pdf",  
          "fileSize": 2456789  
        }  
      ],  
      "author": {  
        "id": "uuid",  
        "fullName": "Ravi Sharma",  
        "role": "LAWYER",  
        "profilePhotoUrl": "https://storage.url/profile.jpg",  
        "organization": "Sharma & Associates",  
        "isFollowing": true  
      },  
      "hasLiked": true,  
      "isSaved": false,  
      "comments": [  
        {  
          "id": "uuid",  
          "content": "Great analysis! I've faced similar cases...",  
          "createdAt": "2024-01-15T14:15:00Z",  
          "author": {  
            "id": "uuid",  
            "fullName": "Priya Patel",  
            "profilePhotoUrl": "https://storage.url/profile.jpg"  
          },  
          "replies": []  
        }  
      ]  
    }  
  }  
}
```

```
    ]
}
}
}
```

## 3.4 Update Post

**PUT** /feed/posts/:postId

**Description:** Update post content or settings

**Request Body** (optional fields):

json

```
{
  "title": "Updated Title",
  "content": "Updated content...",
  "tags": ["Updated", "Tags"],
  "isPublic": false,
  "allowComments": false
}
```

**Response (200 OK):**

json

```
{
  "success": true,
  "message": "Post updated successfully"
}
```

## 3.5 Delete Post

**DELETE** /feed/posts/:postId

**Description:** Delete a post

**Response (200 OK):**

json

```
{  
  "success": true,  
  "message": "Post deleted successfully"  
}
```

## 3.6 Like/Unlike Post

**POST** /feed/posts/:postId/like

**Description:** Toggle like on post

**Response (200 OK):**

json

```
{  
  "success": true,  
  "message": "Post liked",  
  "data": {  
    "liked": true,  
    "likeCount": 46  
  }  
}
```

## 3.7 Save/Unsave Post

**POST** /feed/posts/:postId/save

**Description:** Toggle save on post

**Request Body (optional):**

json

```
{  
  "folder": "CONSUMER_LAW",  
  "notes": "Important precedent case"  
}
```

**Response (200 OK):**

json

```
{  
  "success": true,  
  "message": "Post saved",  
  "data": {  
    "saved": true,  
    "saveCount": 9  
  }  
}
```

## 3.8 Add Comment to Post

POST /feed/posts/:postId/comments

Description: Add comment to post

Request Body:

json

```
{  
  "content": "This is a great analysis!"  
}
```

Response (201 Created):

json

```
{  
  "success": true,  
  "message": "Comment added",  
  "data": {  
    "comment": {  
      "id": "uuid",  
      "content": "This is a great analysis!",  
      "createdAt": "2024-01-15T15:00:00Z"  
    }  
  }  
}
```

## 3.9 Feed Search

GET /feed/search

Description: Search posts in feed

#### Query Parameters:

- q : Search query
- author : Filter by author name
- tags : Filter by tags
- type : Filter by post type
- sort : relevance, newest, popular
- page : Page number
- limit : Results per page

#### Response (200 OK):

```
json

{
  "success": true,
  "data": {
    "posts": [
      {
        "id": "uuid",
        "title": "Consumer Law Analysis",
        "excerpt": "Detailed analysis of consumer protection...",
        "author": {
          "fullName": "Ravi Sharma",
          "profilePhotoUrl": "https://storage.url/profile.jpg"
        },
        "likeCount": 45,
        "commentCount": 12,
        "createdAt": "2024-01-15T14:00:00Z",
        "tags": ["Consumer Law"]
      }
    ],
    "pagination": {
      "total": 45,
      "page": 1,
      "limit": 20,
      "pages": 3
    }
  }
}
```

## 4.1 Get Discussions

GET /discussions

Description: Get list of discussions

Query Parameters:

- page : Page number (default: 1)
- limit : Discussions per page (default: 20)
- category : Filter by law category
- type : GENERAL, CASE\_ANALYSIS, LEGAL\_QUERY, OPINION\_POLL
- tags : Filter by tags
- status : resolved, active
- sort : newest, active, popular, upvoted
- following : true (only followed discussions)

Response (200 OK):

json

```
{  
  "success": true,  
  "data": {  
    "discussions": [  
      {  
        "id": "uuid",  
        "title": "How to handle defective product cases under CPA 2019?",  
        "description": "Looking for practical advice on handling cases...",  
        "discussionType": "LEGAL_QUERY",  
        "category": "CONSUMER_LAW",  
        "tags": ["Defective Products", "CPA 2019", "Compensation"],  
        "replyCount": 15,  
        "upvoteCount": 23,  
        "viewCount": 150,  
        "saveCount": 8,  
        "followerCount": 12,  
        "isResolved": false,  
        "hasBestAnswer": true,  
        "createdAt": "2024-01-14T10:30:00Z",  
        "lastActivityAt": "2024-01-15T16:45:00Z",  
        "author": {  
          "id": "uuid",  
          "fullName": "Legal Student",  
          "role": "LAW_STUDENT",  
          "profilePhotoUrl": "https://storage.url/profile.jpg"  
        },  
      }  
    ]  
  }  
}
```

```
        "isFollowing": true,
        "isSaved": false
    },
],
"pagination": {
    "total": 125,
    "page": 1,
    "limit": 20,
    "pages": 7
},
"categories": ["CONSUMER_LAW", "CRIMINAL_LAW", "CORPORATE_LAW"]
}
}
```

## 4.2 Create Discussion

POST /discussions

Description: Create a new discussion

Request Body:

```
json

{
    "title": "How to handle defective product cases under CPA 2019?",
    "description": "Looking for practical advice on handling cases where products are defective...",
    "discussionType": "LEGAL_QUERY",
    "category": "CONSUMER_LAW",
    "tags": ["Defective Products", "CPA 2019", "Compensation"],
    "isPublic": true
}
```

Response (201 Created):

```
json

{
    "success": true,
    "message": "Discussion created successfully",
    "data": {
        "discussion": {
            "id": "uuid",
            "title": "How to handle defective product cases under CPA 2019?",
            "createdAt": "2024-01-15T17:00:00Z"
        }
    }
}
```

```
}
```

```
}
```

```
}
```

## 4.3 Get Discussion Details

GET /discussions/:discussionId

Description: Get detailed discussion with replies

Response (200 OK):

json

```
{
  "success": true,
  "data": {
    "discussion": {
      "id": "uuid",
      "title": "Discussion Title",
      "description": "Full discussion description...",
      "discussionType": "LEGAL_QUERY",
      "category": "CONSUMER_LAW",
      "tags": ["Defective Products", "CPA 2019"],
      "replyCount": 15,
      "upvoteCount": 23,
      "viewCount": 151,
      "saveCount": 8,
      "followerCount": 12,
      "isResolved": false,
      "isPublic": true,
      "createdAt": "2024-01-14T10:30:00Z",
      "updatedAt": "2024-01-15T16:45:00Z",
      "lastActivityAt": "2024-01-15T16:45:00Z",
      "author": {
        "id": "uuid",
        "fullName": "Legal Student",
        "role": "LAW_STUDENT",
        "profilePhotoUrl": "https://storage.url/profile.jpg"
      },
      "bestAnswer": {
        "id": "uuid",
        "content": "According to Section 2(1)(g) of CPA 2019...",
        "upvoteCount": 15,
        "author": {
          "fullName": "Expert Lawyer",
          "profilePhotoUrl": "https://storage.url/expert.jpg"
        }
      }
    }
  }
}
```

```

    "profilePhotoUrl": "https://storage.url/profile.jpg"
  }
},
"isFollowing": true,
"isSaved": false,
"replies": [
{
  "id": "uuid",
  "content": "According to Section 2(1)(g) of CPA 2019...",
  "upvoteCount": 15,
  "replyCount": 3,
  "isEdited": false,
  "createdAt": "2024-01-14T11:00:00Z",
  "author": {
    "id": "uuid",
    "fullName": "Expert Lawyer",
    "role": "LAWYER",
    "profilePhotoUrl": "https://storage.url/profile.jpg"
  },
  "hasUpvoted": true,
  "replies": []
}
]
}
}
}

```

## 4.4 Add Reply to Discussion

**POST** /discussions/:discussionId/replies

**Description:** Add reply to discussion

**Request Body:**

json

```
{
  "content": "According to Section 2(1)(g) of CPA 2019...",
  "parentReplyId": "uuid" // Optional for threaded replies
}
```

**Response (201 Created):**

json

```
{  
  "success": true,  
  "message": "Reply added successfully",  
  "data": {  
    "reply": {  
      "id": "uuid",  
      "content": "According to Section 2(1)(g) of CPA 2019...",  
      "createdAt": "2024-01-15T17:30:00Z"  
    }  
  }  
}
```

## 4.5 Upvote/Downvote Reply

POST /discussions/replies/:replyId/upvote

Description: Toggle upvote on reply

Response (200 OK):

json

```
{  
  "success": true,  
  "message": "Reply upvoted",  
  "data": {  
    "upvoted": true,  
    "upvoteCount": 16  
  }  
}
```

## 4.6 Follow/Unfollow Discussion

POST /discussions/:discussionId/follow

Description: Toggle follow on discussion

Response (200 OK):

json

```
{  
  "success": true,
```

```
"message": "Discussion followed",
"data": {
  "following": true,
  "followerCount": 13
}
```

## 4.7 Mark as Best Answer

**POST** /discussions/:discussionId/best-answer

**Description:** Mark a reply as best answer

**Request Body:**

```
json

{
  "replyId": "reply_uuid"
}
```

**Response (200 OK):**

```
json

{
  "success": true,
  "message": "Best answer marked successfully"
}
```

## 4.8 Mark Discussion as Resolved

**POST** /discussions/:discussionId/resolve

**Description:** Mark discussion as resolved

**Response (200 OK):**

```
json

{
  "success": true,
```

```
        "message": "Discussion marked as resolved"
    }
```

## 4.9 Discussion Search

GET /discussions/search

Description: Search discussions

Query Parameters:

- q : Search query
- category : Filter by law category
- tags : Filter by tags
- author : Filter by author
- type : Filter by discussion type
- status : resolved, active
- sort : relevance, newest, active, popular
- page : Page number
- limit : Results per page

Response (200 OK):

json

```
{
  "success": true,
  "data": {
    "discussions": [
      {
        "id": "uuid",
        "title": "Consumer Law Query",
        "excerpt": "How to handle defective product cases...",
        "category": "CONSUMER_LAW",
        "replyCount": 15,
        "upvoteCount": 23,
        "createdAt": "2024-01-14T10:30:00Z",
        "author": {
          "fullName": "Legal Student",
          "profilePhotoUrl": "https://storage.url/profile.jpg"
        }
      }
    ]
  }
}
```

```
],
  "pagination": {
    "total": 67,
    "page": 1,
    "limit": 20,
    "pages": 4
  }
}
}
```

## 5. NETWORK MENU ENDPOINTS

### 5.1 Get Followers

GET /network/followers

Query Parameters:

- page : Page number
- limit : Followers per page

Response (200 OK):

json

```
{
  "success": true,
  "data": {
    "followers": [
      {
        "id": "uuid",
        "fullName": "Priya Patel",
        "role": "LAWYER",
        "designation": "Consumer Law Expert",
        "organization": "Patel & Co.",
        "profilePhotoUrl": "https://storage.url/profile.jpg",
        "areaOfInterest": ["Consumer Law"],
        "isFollowing": true,
        "followedAt": "2023-11-20T14:30:00Z"
      }
    ],
    "pagination": {
      "total": 245,
      "page": 1,
      "limit": 20,
      "pages": 13
    }
  }
}
```

```
        "pages": 13
    }
}
}
```

## 5.2 Get Following

GET /network/following

Query Parameters:

- page : Page number
- limit : Following per page

Response (200 OK):

json

```
{
  "success": true,
  "data": {
    "following": [
      {
        "id": "uuid",
        "fullName": "Amit Verma",
        "role": "JUDGE",
        "designation": "District Judge",
        "organization": "Delhi District Court",
        "profilePhotoUrl": "https://storage.url/profile.jpg",
        "areaOfInterest": ["Consumer Law", "Civil Law"],
        "followedAt": "2023-12-15T10:30:00Z"
      }
    ],
    "pagination": {
      "total": 156,
      "page": 1,
      "limit": 20,
      "pages": 8
    }
  }
}
```

## 5.3 Follow/Unfollow User

POST /network/users/:userId/follow

Description: Toggle follow on user

Response (200 OK):

json

```
{  
  "success": true,  
  "message": "User followed",  
  "data": {  
    "following": true  
  }  
}
```

## 5.4 Get Connection Requests

GET /network/requests

Query Parameters:

- type : sent, received
- status : PENDING, ACCEPTED, REJECTED

Response (200 OK):

json

```
{  
  "success": true,  
  "data": {  
    "requests": [  
      {  
        "id": "uuid",  
        "requester": {  
          "id": "uuid",  
          "fullName": "New Lawyer",  
          "role": "LAWYER",  
          "profilePhotoUrl": "https://storage.url/profile.jpg"  
        },  
        "receiver": {  
          "id": "uuid",  
          "fullName": "Ravi Sharma",  
          "role": "LAWYER",  
          "profilePhotoUrl": "https://storage.url/profile.jpg"  
        }  
      }  
    ]  
  }  
}
```

```
        "role": "LAWYER"
    },
    "status": "PENDING",
    "requestMessage": "Would like to connect and discuss consumer law cases",
    "requestedAt": "2024-01-15T14:00:00Z"
}
]
}
}
```

## 5.5 Send Connection Request

POST /network/requests

Description: Send connection request

Request Body:

```
json

{
    "receiverId": "user_uuid",
    "requestMessage": "Would like to connect and discuss consumer law cases"
}
```

Response (201 Created):

```
json

{
    "success": true,
    "message": "Connection request sent"
}
```

## 5.6 Respond to Connection Request

PUT /network/requests/:requestId

Description: Accept or reject connection request

Request Body:

```
json
```

```
{  
  "action": "ACCEPT" // or "REJECT"  
}
```

**Response (200 OK):**

```
json
```

```
{  
  "success": true,  
  "message": "Connection request accepted"  
}
```

## 5.7 Network Search

**GET** /network/search

**Description:** Search legal professionals

**Query Parameters:**

- q : Search query (name, organization)
- role : Filter by role
- areaOfInterest : Filter by area of interest
- location : Filter by location
- sort : relevance, name, recent
- page : Page number
- limit : Results per page

**Response (200 OK):**

```
json
```

```
{  
  "success": true,  
  "data": {  
    "users": [  
      {  
        "id": "uuid",  
        "fullName": "Ravi Sharma",  
        "role": "LAWYER",  
        "areaOfInterest": "Corporate Law",  
        "location": "New York, NY",  
        "sortOrder": "recent",  
        "page": 1, "limit": 10  
      }  
    ]  
  }  
}
```

```
        "designation": "Senior Advocate",
        "organization": "Sharma & Associates",
        "areaOfInterest": ["Consumer Law"],
        "experienceYears": 10,
        "profilePhotoUrl": "https://storage.url/profile.jpg",
        "location": "Delhi, India",
        "isFollowing": true,
        "mutualConnections": 5
    },
],
"pagination": {
    "total": 145,
    "page": 1,
    "limit": 20,
    "pages": 8
}
}
}
}
```

## 5.8 Get Conversations

GET /network/conversations

Description: Get user's conversations

Response (200 OK):

```
json

{
  "success": true,
  "data": {
    "conversations": [
      {
        "id": "uuid",
        "type": "PRIVATE",
        "title": "Priya Patel",
        "avatarUrl": "https://storage.url/profile.jpg",
        "lastMessage": "Let's discuss the consumer case tomorrow",
        "lastMessageAt": "2024-01-15T17:00:00Z",
        "unreadCount": 2,
        "members": [
          {
            "id": "uuid",
            "fullName": "Priya Patel",
            "profilePhotoUrl": "https://storage.url/profile.jpg"
          }
        ]
      }
    ]
  }
}
```

```
        }
    ]
}
]
}
}
```

## 5.9 Get Messages

GET /network/conversations/:conversationId/messages

Query Parameters:

- before : Get messages before this timestamp
- limit : Messages per request (default: 50)

Response (200 OK):

```
json

{
  "success": true,
  "data": {
    "messages": [
      {
        "id": "uuid",
        "sender": {
          "id": "uuid",
          "fullName": "Ravi Sharma",
          "profilePhotoUrl": "https://storage.url/profile.jpg"
        },
        "content": "Hi Priya, can we discuss the consumer case?",
        "messageType": "TEXT",
        "createdAt": "2024-01-15T16:30:00Z",
        "isEdited": false
      }
    ],
    "hasMore": true
  }
}
```

## 5.10 Send Message

POST /network/messages

Description: Send text or file message

Headers (for file messages):

text

Content-Type: multipart/form-data

Form Data (for file messages):

- conversationId : String (required)
- message : String (optional)
- file : File (optional, max 20MB)

JSON Body (for text messages):

json

```
{  
  "conversationId": "uuid",  
  "message": "Hello, let's connect!"  
}
```

Response (201 Created):

json

```
{  
  "success": true,  
  "message": "Message sent",  
  "data": {  
    "message": {  
      "id": "uuid",  
      "content": "Hello, let's connect!",  
      "createdAt": "2024-01-15T18:00:00Z"  
    }  
  }  
}
```

## 6. NOTIFICATIONS MENU ENDPOINTS

## 6.1 Get Notifications

GET /notifications

Query Parameters:

- type : Filter by notification type
- unread : true (only unread notifications)
- page : Page number
- limit : Notifications per page

Response (200 OK):

json

```
{  
  "success": true,  
  "data": {  
    "notifications": [  
      {  
        "id": "uuid",  
        "type": "NEW_FOLLOWER",  
        "title": "New Follower",  
        "message": "Priya Patel started following you",  
        "sourceType": "USER",  
        "sourceId": "user_uuid",  
        "data": {  
          "userId": "uuid",  
          "userName": "Priya Patel"  
        },  
        "isRead": false,  
        "createdAt": "2024-01-15T18:30:00Z"  
      },  
      {  
        "id": "uuid",  
        "type": "AI_RESULT_READY",  
        "title": "AI Analysis Complete",  
        "message": "Your consumer law prediction is ready",  
        "sourceType": "AI_SESSION",  
        "sourceId": "session_uuid",  
        "isRead": true,  
        "createdAt": "2024-01-15T17:00:00Z"  
      }  

```

```
        "pages": 3
    }
}
}
```

## 6.2 Mark Notification as Read

**PUT** /notifications/:notificationId/read

**Description:** Mark notification as read

**Response (200 OK):**

```
json

{
  "success": true,
  "message": "Notification marked as read"
}
```

## 6.3 Mark All as Read

**PUT** /notifications/read-all

**Description:** Mark all notifications as read

**Response (200 OK):**

```
json

{
  "success": true,
  "message": "All notifications marked as read"
}
```

## 6.4 Notification Search

**GET** /notifications/search

**Description:** Search notifications

#### Query Parameters:

- q : Search query
- type : Filter by notification type
- startDate : Filter from date
- endDate : Filter to date

#### Response (200 OK):

```
json

{
  "success": true,
  "data": {
    "notifications": [
      {
        "id": "uuid",
        "type": "POST_LIKE",
        "title": "Post Liked",
        "message": "Your post on Consumer Law was liked by Expert Lawyer",
        "createdAt": "2024-01-15T16:00:00Z"
      }
    ]
  }
}
```

## 7. AI ROOM ENDPOINTS

### 7.1 Get AI Sessions

GET /ai/sessions

**Description:** Get user's AI chat sessions

#### Query Parameters:

- mode : RETRIEVAL, PREDICTION
- category : Filter by law category (default: CONSUMER\_LAW)
- active : true (only active sessions)

#### Response (200 OK):

```
json
```

```
{  
  "success": true,  
  "data": {  
    "sessions": [  
      {  
        "id": "uuid",  
        "sessionName": "Consumer Law Prediction",  
        "aiMode": "PREDICTION",  
        "category": "CONSUMER_LAW",  
        "messageCount": 8,  
        "lastActivityAt": "2024-01-15T16:45:00Z",  
        "createdAt": "2024-01-15T14:00:00Z",  
        "isActive": true  
      }  
    ]  
  }  
}
```

## 7.2 Create AI Session

POST /ai/sessions

Description: Create a new AI chat session

Request Body:

```
json
```

```
{  
  "sessionName": "Consumer Law Analysis",  
  "aiMode": "PREDICTION", // or "RETRIEVAL"  
  "category": "CONSUMER_LAW" // Must be CONSUMER_LAW  
}
```

Response (201 Created):

```
json
```

```
{  
  "success": true,  
  "message": "AI session created",  
  "data": {  
    "session": {  
      "id": "uuid",  
      "sessionName": "Consumer Law Prediction",  
      "aiMode": "PREDICTION",  
      "category": "CONSUMER_LAW",  
      "messageCount": 8,  
      "lastActivityAt": "2024-01-15T16:45:00Z",  
      "createdAt": "2024-01-15T14:00:00Z",  
      "isActive": true  
    }  
  }  
}
```

```
        "sessionName": "Consumer Law Analysis",
        "aiMode": "PREDICTION"
    }
}
}
```

## 7.3 Get Session Messages

GET /ai/sessions/:sessionId/messages

**Description:** Get messages in AI session

**Response (200 OK):**

json

```
{
  "success": true,
  "data": {
    "session": {
      "id": "uuid",
      "sessionName": "Consumer Law Prediction",
      "aiMode": "PREDICTION",
      "category": "CONSUMER_LAW"
    },
    "messages": [
      {
        "id": "uuid",
        "messageType": "USER_QUERY",
        "content": "What is the likely outcome for a defective refrigerator case?",
        "createdAt": "2024-01-15T14:05:00Z"
      },
      {
        "id": "uuid",
        "messageType": "AI_RESPONSE",
        "content": "Based on the facts provided, the predicted outcome is favorable with 78% confidence...",
        "aiMode": "PREDICTION",
        "confidenceScore": 0.78,
        "citations": [
          {
            "type": "LAW",
            "reference": "Consumer Protection Act 2019, Section 2(1)(g)"
          }
        ],
        "processingTimeMs": 4500,
      }
    ]
  }
}
```

```
        "createdAt": "2024-01-15T14:05:45Z"
    }
]
}
}
```

## 7.4 Send AI Query

POST /ai/sessions/:sessionId/messages

Description: Send query to AI (async processing)

Request Body:

json

```
{
    "content": "What is the likely outcome for a defective refrigerator case under CPA 2019?",
    "aiMode": "PREDICTION" // Optional, defaults to session mode
}
```

Response (202 Accepted):

json

```
{
    "success": true,
    "message": "AI request submitted",
    "data": {
        "requestId": "uuid",
        "status": "PENDING",
        "estimatedTime": 30
    }
}
```

## 7.5 Get AI Request Status

GET /ai/requests/:requestId

Description: Check status of AI request

Response (200 OK):

```
json
```

```
{  
    "success": true,  
    "data": {  
        "request": {  
            "id": "uuid",  
            "status": "COMPLETED",  
            "progress": 100,  
            "responseMessageId": "message_uuid",  
            "createdAt": "2024-01-15T14:05:00Z",  
            "completedAt": "2024-01-15T14:05:45Z"  
        }  
    }  
}
```

## 7.6 Save AI Response

POST /ai/messages/: messageId/save

Description: Save AI response to bookmarks

Request Body:

```
json
```

```
{  
    "folder": "AI_RESPONSES",  
    "notes": "Important prediction for defective products"  
}
```

Response (200 OK):

```
json
```

```
{  
    "success": true,  
    "message": "AI response saved"  
}
```

## 7.7 AI Search

GET /ai/search

Description: Search previous AI queries and responses

Query Parameters:

- q : Search query
- mode : RETRIEVAL, PREDICTION
- sessionId : Filter by session
- startDate : Filter from date
- endDate : Filter to date

Response (200 OK):

json

```
{  
  "success": true,  
  "data": {  
    "messages": [  
      {  
        "id": "uuid",  
        "sessionName": "Consumer Law Prediction",  
        "userQuery": "What is the likely outcome for defective product case?",  
        "aiResponse": "Predicted outcome is favorable with 78% confidence...",  
        "aiMode": "PREDICTION",  
        "confidenceScore": 0.78,  
        "createdAt": "2024-01-15T14:05:45Z"  
      }  
    ]  
  }  
}
```

## 8. LAW SEARCH ENDPOINTS

### 8.1 Browse Law Categories

GET /laws/categories

Description: Get available law categories

Response (200 OK):

json

```
{
  "success": true,
  "data": {
    "categories": [
      {
        "category": "CONSUMER_LAW",
        "actCount": 15,
        "sectionCount": 450
      },
      {
        "category": "CRIMINAL_LAW",
        "actCount": 25,
        "sectionCount": 680
      }
    ]
  }
}
```

## 8.2 Get Acts by Category

GET /laws/acts

Query Parameters:

- category : Filter by law category
- q : Search act names
- year : Filter by year
- page : Page number
- limit : Acts per page

Response (200 OK):

json

```
{
  "success": true,
  "data": {
    "acts": [
      {
        "id": "uuid",
        "actName": "Consumer Protection Act, 2019",
        "actYear": 2019,
        "shortTitle": "CPA 2019",
        "category": "CONSUMER_LAW",
        "sectionCount": 450
      }
    ]
  }
}
```

```
        "subCategory": "Consumer Rights",
        "tags": ["Consumer", "Protection", "Rights"],
        "sectionCount": 107,
        "isAmended": true,
        "amendmentYear": 2020
    },
],
"pagination": {
    "total": 15,
    "page": 1,
    "limit": 20,
    "pages": 1
}
}
```

## 8.3 Get Act Details

GET /laws/acts/:actId

Description: Get act details with sections

Response (200 OK):

json

```
{
  "success": true,
  "data": {
    "act": {
      "id": "uuid",
      "actName": "Consumer Protection Act, 2019",
      "actYear": 2019,
      "shortTitle": "CPA 2019",
      "category": "CONSUMER_LAW",
      "preamble": "An Act to provide for protection of the interests of consumers...",
      "fullText": "Full act text...",
      "isAmended": true,
      "amendmentYear": 2020
    },
    "sections": [
      {
        "id": "uuid",
        "sectionNumber": "2",
        "sectionTitle": "Definitions",
        "sectionText": "In this Act, unless the context otherwise requires..."
      }
    ]
  }
}
```

```
        "explanation": "This section defines key terms used in the Act..."  
    }  
]  
}  
}
```

## 8.4 Get Section Details

GET /laws/sections/:sectionId

Description: Get section details with related sections

Response (200 OK):

```
json  
  
{  
  "success": true,  
  "data": {  
    "section": {  
      "id": "uuid",  
      "sectionNumber": "2(1)(g)",  
      "sectionTitle": "Deficiency",  
      "sectionText": "'deficiency' means any fault, imperfection...",  
      "explanation": "Defines deficiency in service under the Act...",  
      "act": {  
        "id": "uuid",  
        "actName": "Consumer Protection Act, 2019",  
        "shortTitle": "CPA 2019"  
      },  
      "relatedSections": [  
        {  
          "id": "uuid",  
          "sectionNumber": "35",  
          "sectionTitle": "Reliefs available",  
          "actName": "CPA 2019"  
        }  
      ],  
      "amendments": [  
        {  
          "year": 2020,  
          "description": "Clarified scope of deficiency"  
        }  
      ]  
    },  
    "userBookmark": {
```

```
"id": "uuid",
"userNotes": "Important for defective product cases",
"highlightText": "any fault, imperfection",
"createdAt": "2024-01-10T14:30:00Z"
}
}
}
```

## 8.5 Bookmark Law Section

**POST** /laws/sections/:sectionId/bookmark

**Description:** Bookmark a law section

**Request Body:**

```
json

{
  "userNotes": "Important for defective product cases",
  "highlightText": "any fault, imperfection"
}
```

**Response (200 OK):**

```
json

{
  "success": true,
  "message": "Section bookmarked"
}
```

## 8.6 Law Search

**GET** /laws/search

**Description:** Search laws and sections

**Query Parameters:**

- q : Search query

- category : Filter by law category
- type : acts, sections
- exact : true (exact section number match)
- page : Page number
- limit : Results per page

Response (200 OK):

```
json

{
  "success": true,
  "data": {
    "results": {
      "acts": [
        {
          "id": "uuid",
          "actName": "Consumer Protection Act, 2019",
          "shortTitle": "CPA 2019",
          "category": "CONSUMER_LAW",
          "matchType": "NAME"
        }
      ],
      "sections": [
        {
          "id": "uuid",
          "sectionNumber": "2(1)(g)",
          "sectionTitle": "Deficiency",
          "excerpt": "'deficiency' means any fault, imperfection...",
          "actName": "Consumer Protection Act, 2019",
          "matchType": "TEXT"
        }
      ]
    },
    "searchHistory": {
      "query": "deficiency",
      "resultsCount": 15
    }
  }
}
```

## 9. CASE WORKSPACE ENDPOINTS

### 9.1 Get Workspace Notes

GET /workspace/notes

## Query Parameters:

- folder : Filter by folder
- category : Filter by law category
- tags : Filter by tags
- archived : true (include archived notes)
- sort : updated, accessed, created
- page : Page number
- limit : Notes per page

## Response (200 OK):

```
json

{
  "success": true,
  "data": {
    "notes": [
      {
        "id": "uuid",
        "title": "Defective Refrigerator Case Summary",
        "excerpt": "Case involves defective refrigerator purchase...",
        "category": "CONSUMER_LAW",
        "tags": ["Defective Product", "Compensation"],
        "folder": "ACTIVE_CASES",
        "isArchived": false,
        "createdAt": "2024-01-10T10:30:00Z",
        "updatedAt": "2024-01-15T11:00:00Z",
        "lastAccessedAt": "2024-01-15T16:00:00Z",
        "references": {
          "postCount": 1,
          "discussionCount": 2,
          "aiSessionCount": 1,
          "lawSectionCount": 3
        }
      }
    ],
    "folders": ["ACTIVE_CASES", "RESEARCH", "GENERAL"],
    "statistics": {
      "total": 15,
      "active": 12,
      "archived": 3,
      "byCategory": {
        "CONSUMER_LAW": 8,
        "CORPORATE_LAW": 4,
        "LABOR_LAW": 3
      }
    }
  }
}
```

```
        "OTHER": 3
    }
}
}
}
```

## 9.2 Create Workspace Note

POST /workspace/notes

Description: Create a new workspace note

Request Body:

```
json

{
    "title": "Defective Refrigerator Case Summary",
    "content": "Case involves defective refrigerator purchase...",
    "category": "CONSUMER_LAW",
    "tags": ["Defective Product", "Compensation"],
    "folder": "ACTIVE_CASES",
    "referencedPostId": "post_uuid",
    "referencedDiscussionId": "discussion_uuid",
    "referencedAiSessionId": "session_uuid",
    "referencedLawSectionId": "section_uuid"
}
```

Response (201 Created):

```
json

{
    "success": true,
    "message": "Note created successfully",
    "data": {
        "note": {
            "id": "uuid",
            "title": "Defective Refrigerator Case Summary",
            "createdAt": "2024-01-15T18:00:00Z"
        }
    }
}
```

## 9.3 Get Note Details

GET /workspace/notes/:noteId

**Description:** Get note details with references

**Response (200 OK):**

json

```
{
  "success": true,
  "data": {
    "note": {
      "id": "uuid",
      "title": "Defective Refrigerator Case Summary",
      "content": "Full note content...",
      "category": "CONSUMER_LAW",
      "tags": ["Defective Product", "Compensation"],
      "folder": "ACTIVE_CASES",
      "isArchived": false,
      "createdAt": "2024-01-10T10:30:00Z",
      "updatedAt": "2024-01-15T11:00:00Z",
      "lastAccessedAt": "2024-01-15T16:00:00Z",
      "references": {
        "post": {
          "id": "uuid",
          "title": "Consumer Case Analysis",
          "authorName": "Ravi Sharma"
        },
        "discussion": {
          "id": "uuid",
          "title": "Defective Product Discussion",
          "authorName": "Legal Expert"
        },
        "aiSession": {
          "id": "uuid",
          "sessionName": "Consumer Law Prediction"
        },
        "lawSections": [
          {
            "id": "uuid",
            "sectionNumber": "2(1)(g)",
            "actName": "CPA 2019"
          }
        ]
      }
    }
  }
}
```

```
}
```

## 9.4 Update Note

**PUT** /workspace/notes/:noteId

**Description:** Update workspace note

**Request Body** (optional fields):

```
json
```

```
{
  "title": "Updated Case Summary",
  "content": "Updated content...",
  "tags": ["Updated", "Tags"],
  "folder": "RESEARCH",
  "isArchived": false
}
```

**Response (200 OK):**

```
json
```

```
{
  "success": true,
  "message": "Note updated successfully"
}
```

## 9.5 Delete Note

**DELETE** /workspace/notes/:noteId

**Description:** Delete workspace note

**Response (200 OK):**

```
json
```

```
{
  "success": true,
```

```
        "message": "Note deleted successfully"
    }
```

## 9.6 Archive/Unarchive Note

**POST** /workspace/notes/:noteId/archive

**Description:** Toggle archive status

**Response (200 OK):**

json

```
{
  "success": true,
  "message": "Note archived",
  "data": {
    "archived": true
  }
}
```

## 9.7 Workspace Search

**GET** /workspace/search

**Description:** Search within workspace notes

**Query Parameters:**

- q : Search query
- folder : Filter by folder
- category : Filter by category
- tags : Filter by tags
- includeContent : true (search in content)
- sort : relevance, updated, created

**Response (200 OK):**

json

```
{  
  "success": true,  
  "data": {  
    "notes": [  
      {  
        "id": "uuid",  
        "title": "Defective Refrigerator Case",  
        "excerpt": "Case involves defective refrigerator purchase...",  
        "folder": "ACTIVE_CASES",  
        "category": "CONSUMER_LAW",  
        "updatedAt": "2024-01-15T11:00:00Z",  
        "matches": [  
          {  
            "field": "title",  
            "text": "Defective Refrigerator Case"  
          }  
        ]  
      }  
    ]  
  }  
}
```

## 10. COMMON ENDPOINTS

### 10.1 Upload Media

POST /media/upload

Description: Upload media file

Headers:

text

Content-Type: multipart/form-data

Form Data:

- file : File (JPEG, JPG, PNG, PDF, max 20MB)
- type : profile, post, message, certificate
- entityId : ID of related entity (optional)

Response (200 OK):

```
json
```

```
{  
  "success": true,  
  "data": {  
    "url": "https://storage.url/media/uuid/file.jpg",  
    "thumbnailUrl": "https://storage.url/media/uuid/thumbnails/thumb.jpg",  
    "fileType": "IMAGE",  
    "fileName": "file.jpg",  
    "fileSize": 1234567  
  }  
}
```

## 10.2 Get User Suggestions

**GET** /users/suggestions

**Description:** Get user suggestions based on profile

**Response (200 OK):**

```
json
```

```
{  
  "success": true,  
  "data": {  
    "suggestions": [  
      {  
        "id": "uuid",  
        "fullName": "Amit Verma",  
        "role": "LAWYER",  
        "designation": "Consumer Court Advocate",  
        "organization": "Delhi High Court",  
        "profilePhotoUrl": "https://storage.url/profile.jpg",  
        "areaOfInterest": ["Consumer Law"],  
        "mutualConnections": 8,  
        "commonInterests": 3  
      }  
    ]  
  }  
}
```

## 10.3 Get Platform Statistics

GET /statistics

Description: Get platform statistics

Response (200 OK):

json

```
{  
  "success": true,  
  "data": {  
    "userStats": {  
      "total": 1250,  
      "byRole": {  
        "LAWYER": 650,  
        "LAW_STUDENT": 400,  
        "JUDGE": 50,  
        "ADVOCATE": 100,  
        "LEGAL_PROFESSIONAL": 50  
      }  
    },  
    "contentStats": {  
      "totalPosts": 4560,  
      "totalDiscussions": 890,  
      "totalAiSessions": 1234  
    },  
    "activityStats": {  
      "dailyActive": 350,  
      "weeklyActive": 850  
    }  
  }  
}
```

## ERROR RESPONSES

### 400 Bad Request

json

```
{  
  "success": false,  
  "error": {  
    "code": "VALIDATION_ERROR",  
    "message": "Invalid input data",  
    "details": {  
      "email": ["Email is required"],  
      "password": ["Password is required"]  
    }  
  }  
}
```

```
        "password": ["Password must be at least 8 characters"]
    }
}
}
```

## 401 Unauthorized

json

```
{
  "success": false,
  "error": {
    "code": "UNAUTHORIZED",
    "message": "Authentication required"
  }
}
```

## 403 Forbidden

json

```
{
  "success": false,
  "error": {
    "code": "FORBIDDEN",
    "message": "You don't have permission to access this resource"
  }
}
```

## 404 Not Found

json

```
{
  "success": false,
  "error": {
    "code": "NOT_FOUND",
    "message": "Resource not found"
  }
}
```

## 429 Rate Limit Exceeded

json

```
{  
  "success": false,  
  "error": {  
    "code": "RATE_LIMIT_EXCEEDED",  
    "message": "Too many requests, please try again later",  
    "retryAfter": 60  
  }  
}
```

## 500 Internal Server Error

json

```
{  
  "success": false,  
  "error": {  
    "code": "INTERNAL_ERROR",  
    "message": "An unexpected error occurred"  
  }  
}
```

## RATE LIMITING

- Authentication endpoints: 10 requests per hour
- AI endpoints: 20 requests per day
- Feed/Discussion endpoints: 100 requests per minute
- All other endpoints: 200 requests per minute

## FILE UPLOAD LIMITS

- Profile photo: 5MB (JPEG, JPG, PNG)
- Cover photo: 10MB (JPEG, JPG, PNG)
- Post media: 10MB each, max 5 files
- Certifications: 10MB (PDF, JPEG, JPG, PNG)
- Chat files: 20MB
- General uploads: 20MB

# WEBHOOKS & REAL-TIME UPDATES

## WebSocket Connection

text

ws://localhost:3000/ws

Authentication: Send token as query parameter

text

ws://localhost:3000/ws?token=jwt\_token

Events:

- NEW\_MESSAGE : When new chat message received
- NEW\_NOTIFICATION : Real-time notifications
- AI\_RESULT\_READY : AI processing complete
- NEW\_REPLY : New reply in followed discussion
- NEW\_POST : New post from followed user

This comprehensive API specification covers all 8 menus of NyayaNet with detailed endpoints for each feature. The structure follows the clear menu organization you provided, ensuring each menu has its dedicated endpoints with proper search functionality.

*This response is AI-generated, for reference only.*