# EDI Platform API Documentation

## 1. Application Management APIs

### Get Applications List

* **Endpoint**: GET /api/apps
* **Description**: Get list of all applications
* **Response Fields**:
  + id: Application ID
  + name: Application name
  + code: Application code
  + status: Application status (active/inactive)
  + protocol: Protocol type (AS2/SFTP/API)
  + interfaces: List of supported interfaces
  + createdAt: Creation timestamp
  + lastModified: Last modification timestamp

### Get Application Details

* **Endpoint**: GET /api/apps/[id]
* **Description**: Get detailed information about a specific application
* **Response Fields**:
  + All fields from Get Applications List
  + description: Application description
  + certificates: List of associated certificates
  + testResults: List of test results

### Create Application

* **Endpoint**: POST /api/apps
* **Description**: Create a new application
* **Request Body**:
* {  
   "name": "string",  
   "code": "string",  
   "description": "string",  
   "protocol": "AS2|SFTP|API",  
   "interfaces": ["string"]  
  }

### Update Application

* **Endpoint**: PUT /api/apps/[id]
* **Description**: Update an existing application
* **Request Body**: Same as Create Application

### Delete Application

* **Endpoint**: DELETE /api/apps/[id]
* **Description**: Delete an application

## 2. Testing APIs

### Run Test

* **Endpoint**: POST /api/testing
* **Description**: Execute application test
* **Request Body**:
* {  
   "appId": "string",  
   "interface": "string",  
   "testData": "string"  
  }
* **Response**:
* {  
   "id": "string",  
   "timestamp": "string",  
   "status": "success|failed",  
   "message": "string",  
   "details": {}  
  }

### Get Test Results

* **Endpoint**: GET /api/testing/[appId]
* **Description**: Get test history for an application
* **Response**:
* {  
   "results": [  
   {  
   "id": "string",  
   "timestamp": "string",  
   "interface": "string",  
   "status": "success|failed",  
   "message": "string"  
   }  
   ]  
  }

## 3. Deployment APIs

### Submit Deployment Request

* **Endpoint**: POST /api/deployments
* **Description**: Submit a deployment request
* **Request Body**:
* {  
   "appId": "string",  
   "notes": "string",  
   "checklist": {  
   "testsCompleted": boolean,  
   "certificatesValid": boolean,  
   "configurationReviewed": boolean  
   }  
  }

### Get Deployment Status

* **Endpoint**: GET /api/deployments/[id]
* **Description**: Get deployment request status
* **Response**:
* {  
   "id": "string",  
   "appId": "string",  
   "status": "pending|approved|rejected",  
   "notes": "string",  
   "checklist": {  
   "testsCompleted": boolean,  
   "certificatesValid": boolean,  
   "configurationReviewed": boolean  
   },  
   "connectionDetails": {  
   "as2Url": "string",  
   "as2Id": "string",  
   "partnerAs2Id": "string",  
   "goLiveDate": "string"  
   }  
  }

## 4. Certificate Management APIs

### Get Certificates

* **Endpoint**: GET /api/certificates
* **Description**: Get list of all certificates
* **Response**:
* {  
   "certificates": [  
   {  
   "id": "string",  
   "name": "string",  
   "expiresAt": "string",  
   "status": "active|expired"  
   }  
   ]  
  }

### Upload Certificate

* **Endpoint**: POST /api/certificates
* **Description**: Upload a new certificate
* **Request Body**:
* {  
   "appId": "string",  
   "name": "string",  
   "file": "File"  
  }

### Delete Certificate

* **Endpoint**: DELETE /api/certificates/[id]
* **Description**: Delete a certificate

## 5. Documentation APIs

### Get Documentation List

* **Endpoint**: GET /api/docs
* **Description**: Get list of all documentation
* **Response**:
* {  
   "categories": [  
   {  
   "name": "string",  
   "documents": [  
   {  
   "id": "string",  
   "title": "string",  
   "description": "string",  
   "category": "string"  
   }  
   ]  
   }  
   ]  
  }

### Get Documentation Content

* **Endpoint**: GET /api/docs/[id]
* **Description**: Get documentation content
* **Response**:
* {  
   "id": "string",  
   "title": "string",  
   "content": "string",  
   "category": "string"  
  }