

Form Management API Documentation

1. Add a New Form

Method: POST

URL: /api/forms

Request Body:

```
{
  "formName": "UserRegistrationForm",
  "fields": [
    {
      "name": "username",
      "type": "text",
      "label": "Username",
      "required": true
    }
  ]
}
```

Success Response:

```
{
  "success": true,
  "form": {
    "id": 1,
    "formName": "UserRegistrationForm",
    "fields": [
      {
        "name": "username",
        "type": "text",
        "label": "Username",
        "required": true
      }
    ],
    "locked": false,
  }
}
```

```
    "createdAt": "2024-12-05T12:01:05.000Z",  
    "updatedAt": "2024-12-05T12:01:05.000Z"  
  }  
}
```

Error Response:

```
{  
  "success": false,  
  "message": "Form name and fields are required."  
}
```

2. Add a Field to an Existing Form

Method: POST

URL: /api/forms/:formName/fields

Request Body:

```
{  
  "field": {  
    "name": "email",  
    "type": "email",  
    "label": "Email Address",  
    "required": true  
  }  
}
```

Success Response:

```
{  
  "success": true,  
  "form": {  
    "id": 1,  
    "formName": "UserRegistrationForm",  
    "fields": [  
      {  
        "name": "username",  
        "type": "text",
```

```
        "label": "Username",

        "required": true
    },
    {
        "name": "email",
        "type": "email",
        "label": "Email Address",
        "required": true
    }
],
"locked": false,
"createdAt": "2024-12-05T12:01:05.000Z",
"updatedAt": "2024-12-05T12:30:00.000Z"
}
}
```

Error Response:

```
{
    "success": false,
    "message": "Form not found."
}
```

3. Lock a Form

Method: PUT

URL: /api/forms/:formName/lock

Request Body:

None

Success Response:

```
{
    "success": true,
    "message": "Form locked successfully.",
    "form": {
        "id": 1,
```

```
"formName": "UserRegistrationForm",  
  
"fields": [  
  {  
    "name": "username",  
    "type": "text",  
    "label": "Username",  
    "required": true  
  },  
  {  
    "name": "email",  
    "type": "email",  
    "label": "Email Address",  
    "required": true  
  }  
],  
  
"locked": true,  
  
"createdAt": "2024-12-05T12:01:05.000Z",  
  
"updatedAt": "2024-12-05T12:30:00.000Z"  
}  
}
```

Error Response:

```
{  
  
  "success": false,  
  
  "message": "Form not found."  
}
```

4. Fetch Locked Forms

Method: GET

URL: /api/forms/locked

Request Body:

None

Success Response:

```
{
  "success": true,
  "forms": [
    {
      "id": 1,
      "formName": "UserRegistrationForm",
      "fields": [
        {
          "name": "username",
          "type": "text",
          "label": "Username",
          "required": true
        },
        {
          "name": "email",
          "type": "email",
          "label": "Email Address",
          "required": true
        }
      ],
      "locked": true,
      "createdAt": "2024-12-05T12:01:05.000Z",
      "updatedAt": "2024-12-05T12:30:00.000Z"
    }
  ]
}
```

Error Response:

```
{
  "success": false,
  "message": "No locked forms found."
}
```

5. Fetch a Specific Form

Method: GET

URL: /api/forms/:formName

Request Body:

None

Success Response:

```
{
  "success": true,
  "form": {
    "id": 1,
    "formName": "UserRegistrationForm",
    "fields": [
      {
        "name": "username",
        "type": "text",
        "label": "Username",
        "required": true
      },
      {
        "name": "email",
        "type": "email",
        "label": "Email Address",
        "required": true
      }
    ],
    "locked": true,
    "createdAt": "2024-12-05T12:01:05.000Z",
    "updatedAt": "2024-12-05T12:30:00.000Z"
  }
}
```

Error Response:

```
{
  "success": false,
  "message": "Form not found."
}
```

```
}
```

6. Delete a Field from a Form

Method: *DELETE*

URL: */api/forms/:formName/fields*

Request Body:

```
{  
  "fieldName": "email"  
}
```

Success Response:

```
{  
  "success": true,  
  "form": {  
    "id": 1,  
    "formName": "UserRegistrationForm",  
    "fields": [  
      {  
        "name": "username",  
        "type": "text",  
        "label": "Username",  
        "required": true  
      }  
    ],  
    "locked": false,  
    "createdAt": "2024-12-05T12:01:05.000Z",  
    "updatedAt": "2024-12-05T12:45:00.000Z"  
  }  
}
```

Error Response:

```
{  
  "success": false,  
  "message": "Form not found."
```

