API Documentation for Rwandan Registration System

This document outlines the endpoints, request parameters, and responses for the Rwandan Registration System API. The frontend developer can use this documentation to interact with the backend API effectively.

Base URL

https://nidaapis.onrender.com

Endpoints

List All Rwandans

Endpoint: /all/

Method: GET

Description: Retrieves a list of all registered Rwandans.

Response:

json

Copy code

[

{

"identity\_No": "1000000000000001",

"firstname": "John",

"lastname": "Doe",

"birth\_date": "1990-01-01",

"birth\_place": "Kigali",

"father\_names": "Father Name",

"mother\_names": "Mother Name",

"gender": "male",

"status": "active",

"marital\_status": "single",

"created\_date": "2024-01-01T12:00:00Z"

},

...

]

Create Rwandan

Endpoint: /create/

Method: POST

Description: Creates a new Rwandan record.

Request:

json

Copy code

{

"identity\_No": "1000000000000001",

"firstname": "John",

"lastname": "Doe",

"birth\_date": "1990-01-01",

"birth\_place": "Kigali",

"father\_names": "Father Name",

"mother\_names": "Mother Name",

"gender": "male",

"status": "active",

"marital\_status": "single"

}

Response:

json

Copy code

{

"identity\_No": "1000000000000001",

"firstname": "John",

"lastname": "Doe",

"birth\_date": "1990-01-01",

"birth\_place": "Kigali",

"father\_names": "Father Name",

"mother\_names": "Mother Name",

"gender": "male",

"status": "active",

"marital\_status": "single",

"created\_date": "2024-01-01T12:00:00Z"

}

Update Rwandan by ID

Endpoint: /update/<int:pk>/

Method: PUT

Description: Updates an existing Rwandan record by ID.

Request:

json

Copy code

{

"firstname": "John",

"lastname": "Doe",

"birth\_date": "1990-01-01",

"birth\_place": "Kigali",

"father\_names": "Father Name",

"mother\_names": "Mother Name",

"gender": "male",

"status": "active",

"marital\_status": "single"

}

Response:

json

Copy code

{

"identity\_No": "1000000000000001",

"firstname": "John",

"lastname": "Doe",

"birth\_date": "1990-01-01",

"birth\_place": "Kigali",

"father\_names": "Father Name",

"mother\_names": "Mother Name",

"gender": "male",

"status": "active",

"marital\_status": "single",

"created\_date": "2024-01-01T12:00:00Z"

}

Update Rwandan by Identity Number

Endpoint: /update\_by\_identity\_no/<str:identity\_no>/

Method: PUT

Description: Updates an existing Rwandan record by identity number.

Request:

json

Copy code

{

"firstname": "John",

"lastname": "Doe",

"birth\_date": "1990-01-01",

"birth\_place": "Kigali",

"father\_names": "Father Name",

"mother\_names": "Mother Name",

"gender": "male",

"status": "active",

"marital\_status": "single"

}

Response:

json

Copy code

{

"identity\_No": "1000000000000001",

"firstname": "John",

"lastname": "Doe",

"birth\_date": "1990-01-01",

"birth\_place": "Kigali",

"father\_names": "Father Name",

"mother\_names": "Mother Name",

"gender": "male",

"status": "active",

"marital\_status": "single",

"created\_date": "2024-01-01T12:00:00Z"

}

Delete Rwandan by ID

Endpoint: /delete/<int:pk>/

Method: DELETE

Description: Deletes an existing Rwandan record by ID.

Response:

json

Copy code

{

"success": "Rwandan deleted"

}

Delete Rwandan by Identity Number

Endpoint: /delete\_by\_identity\_no/<str:identity\_no>/

Method: DELETE

Description: Deletes an existing Rwandan record by identity number.

Response:

json

Copy code

{

"success": "Rwandan deleted"

}

Retrieve Rwandan by ID

Endpoint: /retrieve/<int:pk>/

Method: GET

Description: Retrieves a specific Rwandan record by ID.

Response:

json

Copy code

{

"identity\_No": "1000000000000001",

"firstname": "John",

"lastname": "Doe",

"birth\_date": "1990-01-01",

"birth\_place": "Kigali",

"father\_names": "Father Name",

"mother\_names": "Mother Name",

"gender": "male",

"status": "active",

"marital\_status": "single",

"created\_date": "2024-01-01T12:00:00Z"

}

Retrieve Rwandan by Identity Number

Endpoint: /retrieve\_by\_identity\_no/<str:identity\_no>/

Method: GET

Description: Retrieves a specific Rwandan record by identity number.

Response:

json

Copy code

{

"identity\_No": "1000000000000001",

"firstname": "John",

"lastname": "Doe",

"birth\_date": "1990-01-01",

"birth\_place": "Kigali",

"father\_names": "Father Name",

"mother\_names": "Mother Name",

"gender": "male",

"status": "active",

"marital\_status": "single",

"created\_date": "2024-01-01T12:00:00Z"

}