{

"info": {

"title": "Krishiyan Api",

"description": "API for managing Krishiyan Backend.",

},

"servers": [

{

"url": "chnage\_to\_server\_url",

"description": "Production server"

},

{

"url": "change\_to\_development\_url",

"description": "Development server"

}

],

"paths": {

"/api/fpo": {

"post": {

"summary": "Create a new FPO",

"description": "Registers a new Farmer Producer Organization (FPO).",

"requestBody": {

"required": true,

"content": {

"application/json": {

"schema": {

"$ref": "#/components/schemas/FPO"

}

}

}

},

"responses": {

"201": {

"description": "FPO created successfully",

"content": {

"application/json": {

"schema": {

"$ref": "#/components/schemas/FPOResponse"

}

}

}

},

"400": {

"description": "Missing required fields or duplicate contact number"

}

}

},

"get": {

"summary": "Retrieve all FPOs",

"responses": {

"200": {

"description": "A list of FPOs",

"content": {

"application/json": {

"schema": {

"type": "array",

"items": {

"$ref": "#/components/schemas/FPO"

}

}

}

}

}

}

}

},

"/api/fpo/{id}": {

"get": {

"summary": "Get FPO by ID",

"parameters": [

{

"name": "id",

"in": "path",

"required": true,

"schema": {

"type": "string"

}

}

],

"responses": {

"200": {

"description": "FPO details",

"content": {

"application/json": {

"schema": {

"$ref": "#/components/schemas/FPO"

}

}

}

},

"404": {

"description": "FPO not found"

}

}

},

"patch": {

"summary": "Update an FPO by ID",

"parameters": [

{

"name": "id",

"in": "path",

"required": true,

"schema": {

"type": "string"

}

}

],

"responses": {

"200": {

"description": "FPO updated successfully"

},

"400": {

"description": "Invalid data"

}

}

},

"delete": {

"summary": "Delete an FPO by ID",

"parameters": [

{

"name": "id",

"in": "path",

"required": true,

"schema": {

"type": "string"

}

}

],

"responses": {

"200": {

"description": "FPO deleted successfully"

},

"404": {

"description": "FPO not found"

}

}

}

}

},

"components": {

"schemas": {

"FPO": {

"type": "object",

"properties": {

"typeOfOrganization": { "type": "string" },

"nameOfFpo": { "type": "string" },

"typeOfFpo": { "type": "string" },

"contactNumber": { "type": "string" }

}

},

"FPOResponse": {

"type": "object",

"properties": {

"success": { "type": "boolean" },

"message": { "type": "string" },

"data": {

"type": "object",

"properties": {

"fpoOrganization": { "$ref": "#/components/schemas/FPO" },

"token": { "type": "string" }

}

}

}

}

}

}

"/api/appFarmer/register": {

"post": {

"summary": "Register a new farmer",

"parameters": [],

"requestBody": {

"required": true,

"content": {

"application/json": {

"example": {

"dealerNumber": "12345",

"name": "John Doe",

"whatsappNumber": "9876543210",

"village": "Greenland"

}

}

}

},

"responses": {

"201": {

"description": "Farmer registered successfully",

"content": {

"application/json": {

"example": {

"success": true,

"message": "Farmer registered successfully",

"data": {

"farmerId": "60d5f9b8e1d3f72b4c8b4567"

}

}

}

}

},

"400": {

"description": "Missing required fields",

"content": {

"application/json": {

"example": {

"success": false,

"message": "Missing required fields",

"error": {

"code": "MISSING\_REQUIRED\_FIELDS",

"description": "Please provide dealerNumber, name, and whatsappNumber."

}

}

}

}

}

}

}

},

"/api/appFarmer": {

"get": {

"summary": "Retrieve all registered farmers",

"parameters": [],

"responses": {

"200": {

"description": "List of all farmers",

"content": {

"application/json": {

"example": {

"success": true,

"data": [

{

"dealerNumber": "12345",

"name": "John Doe",

"whatsappNumber": "9876543210",

"village": "Greenland"

}

]

}

}

}

}

}

}

},

"/api/appFarmer/names/{dealerNumber}": {

"get": {

"summary": "Get farmers' names by dealer number",

"parameters": [

{

"name": "dealerNumber",

"in": "path",

"required": true,

"example": "12345"

}

],

"responses": {

"200": {

"description": "Farmers' names retrieved successfully",

"content": {

"application/json": {

"example": {

"success": true,

"data": ["John Doe", "Jane Smith"]

}

}

}

},

"404": {

"description": "No farmers found",

"content": {

"application/json": {

"example": {

"success": false,

"message": "No farmers found for this dealer number",

"error": {

"code": "FARMERS\_NOT\_FOUND"

}

}

}

}

}

}

}

},

"/api/appFarmer/crop/register": {

"post": {

"summary": "Register crop cultivation data",

"parameters": [],

"requestBody": {

"required": true,

"content": {

"application/json": {

"example": {

"dealerNumber": "12345",

"fid": "60d5f9b8e1d3f72b4c8b4567",

"farmerName": "John Doe",

"crops": "Wheat",

"variety": "Hybrid",

"dateOfSowing": "2024-01-15"

}

}

}

},

"responses": {

"201": {

"description": "Crop cultivation registered successfully",

"content": {

"application/json": {

"example": {

"success": true,

"data": {

"cropId": "60d6f7c8e1d3f72b4c8b4568"

}

}

}

}

},

"400": {

"description": "Missing required fields",

"content": {

"application/json": {

"example": {

"success": false,

"message": "Missing required fields",

"error": {

"code": "MISSING\_REQUIRED\_FIELDS",

"description": "Please provide dealerNumber, fid, and crops."

}

}

}

}

}

}

}

},

"/api/appFarmer/crops/{dealerNumber}": {

"get": {

"summary": "Get all crops under a specific dealer",

"parameters": [

{

"name": "dealerNumber",

"in": "path",

"required": true,

"example": "12345"

}

],

"responses": {

"200": {

"description": "Crops retrieved successfully",

"content": {

"application/json": {

"example": {

"success": true,

"data": ["Wheat", "Rice"]

}

}

}

},

"404": {

"description": "No crops found",

"content": {

"application/json": {

"example": {

"success": false,

"message": "No crops found for this dealer number",

"error": {

"code": "CROPS\_NOT\_FOUND"

}

}

}

}

}

}

}

},

"/api/appFarmer/data/{dealerNumber}/{village}": {

"get": {

"summary": "Get farmer data by dealer number and village",

"parameters": [

{

"name": "dealerNumber",

"in": "path",

"required": true,

"example": "12345"

},

{

"name": "village",

"in": "path",

"required": true,

"example": "Greenland"

}

],

"responses": {

"200": {

"description": "Farmers retrieved successfully",

"content": {

"application/json": {

"example": {

"success": true,

"data": [

{

"name": "John Doe",

"whatsappNumber": "9876543210",

"village": "Greenland"

}

]

}

}

}

},

"404": {

"description": "No farmers found",

"content": {

"application/json": {

"example": {

"success": false,

"message": "No farmers found for this dealer number and village",

"error": {

"code": "FARMERS\_NOT\_FOUND"

}

}

}

}

}

}

}

}

"/api/appFarmer/farmers/insight": {

"get": {

"summary": "Get farmers based on dealer number, village, and crop",

"parameters": [

{

"name": "dealerNumber",

"in": "query",

"required": true,

"example": "12345"

},

{

"name": "village",

"in": "query",

"required": false,

"example": "Greenland"

},

{

"name": "crop",

"in": "query",

"required": false,

"example": "Wheat"

}

],

"responses": {

"200": {

"description": "Farmers retrieved successfully",

"content": {

"application/json": {

"example": {

"success": true,

"data": [

{

"name": "John Doe",

"whatsappNumber": "9876543210",

"village": "Greenland",

"crop": "Wheat"

}

]

}

}

}

},

"404": {

"description": "No farmers found",

"content": {

"application/json": {

"example": {

"success": false,

"message": "No farmers found for the given criteria",

"error": {

"code": "FARMERS\_NOT\_FOUND"

}

}

}

}

}

}

}

},

"/api/appFarmer/farmers/cultivation/{typeOfCultivationPractice}/dealer/{dealerNumber}": {

"get": {

"summary": "Get farmers based on type of cultivation practice and dealer number",

"parameters": [

{

"name": "typeOfCultivationPractice",

"in": "path",

"required": true,

"example": "Organic"

},

{

"name": "dealerNumber",

"in": "path",

"required": true,

"example": "12345"

}

],

"responses": {

"200": {

"description": "Farmers retrieved successfully",

"content": {

"application/json": {

"example": {

"success": true,

"data": [

{

"name": "John Doe",

"typeOfCultivationPractice": "Organic",

"dealerNumber": "12345"

}

]

}

}

}

},

"404": {

"description": "No farmers found",

"content": {

"application/json": {

"example": {

"success": false,

"message": "No farmers found for the given criteria",

"error": {

"code": "FARMERS\_NOT\_FOUND"

}

}

}

}

}

}

}

},

"/api/appFarmer/farmer/search": {

"get": {

"summary": "Search farmers by dealer number and WhatsApp number",

"parameters": [

{

"name": "dealerNumber",

"in": "query",

"required": true,

"example": "12345"

},

{

"name": "whatsappNumber",

"in": "query",

"required": false,

"example": "9876543210"

}

],

"responses": {

"200": {

"description": "Farmers retrieved successfully",

"content": {

"application/json": {

"example": {

"success": true,

"data": [

{

"name": "John Doe",

"whatsappNumber": "9876543210"

}

]

}

}

}

},

"404": {

"description": "No farmers found",

"content": {

"application/json": {

"example": {

"success": false,

"message": "No farmers found for the given criteria",

"error": {

"code": "FARMERS\_NOT\_FOUND"

}

}

}

}

}

}

}

},

"/api/appFarmer/farmer/whatsapp/{whatsappNumber}": {

"put": {

"summary": "Update farmer by WhatsApp number",

"parameters": [

{

"name": "whatsappNumber",

"in": "path",

"required": true,

"example": "9876543210"

}

],

"requestBody": {

"required": true,

"content": {

"application/json": {

"example": {

"name": "John Updated",

"village": "Updated Village"

}

}

}

},

"responses": {

"200": {

"description": "Farmer updated successfully",

"content": {

"application/json": {

"example": {

"success": true,

"message": "Farmer updated successfully"

}

}

}

},

"404": {

"description": "Farmer not found",

"content": {

"application/json": {

"example": {

"success": false,

"message": "Farmer not found",

"error": {

"code": "FARMER\_NOT\_FOUND"

}

}

}

}

}

}

}

},

"/api/appFarmer/farmer/bulk-upload": {

"post": {

"summary": "Bulk upload farmers",

"requestBody": {

"required": true,

"content": {

"application/json": {

"example": [

{

"dealerNumber": "12345",

"name": "John Doe",

"whatsappNumber": "9876543210",

"village": "Greenland"

},

{

"dealerNumber": "67890",

"name": "Jane Smith",

"whatsappNumber": "9123456789",

"village": "Farmtown"

}

]

}

}

},

"responses": {

"200": {

"description": "Farmers uploaded successfully",

"content": {

"application/json": {

"example": {

"message": "5 farmers saved successfully."

}

}

}

},

"400": {

"description": "Errors in bulk upload",

"content": {

"application/json": {

"example": {

"errors": [

{

"farmer": { "name": "John Doe" },

"reason": "Duplicate WhatsApp number"

}

]

}

}

}

}

}

}

}

"/api/address": {

"post": {

"summary": "Create or update an address",

"requestBody": {

"required": true,

"content": {

"application/json": {

"example": {

"uid": "12345",

"pincode": "110001",

"district": "Central",

"state": "Delhi",

"address": "123 Main Street",

"village": "Greenland"

}

}

}

},

"responses": {

"201": {

"description": "Address created or updated successfully",

"content": {

"application/json": {

"example": {

"success": true,

"message": "Address created successfully",

"data": {

"address": {

"uid": "12345",

"pincode": "110001",

"district": "Central",

"state": "Delhi",

"address": "123 Main Street",

"village": "Greenland"

}

}

}

}

}

},

"400": {

"description": "Error creating or updating address",

"content": {

"application/json": {

"example": {

"success": false,

"message": "Error creating or updating address",

"error": {

"code": "ADDRESS\_CREATION\_OR\_UPDATE\_ERROR",

"description": "Database connection failed"

}

}

}

}

}

}

}

},

"/api/address/{uid}": {

"get": {

"summary": "Get an address by UID",

"parameters": [

{

"name": "uid",

"in": "path",

"required": true,

"example": "12345"

}

],

"responses": {

"200": {

"description": "Address retrieved successfully",

"content": {

"application/json": {

"example": {

"success": true,

"message": "Address retrieved successfully",

"data": {

"uid": "12345",

"pincode": "110001",

"district": "Central",

"state": "Delhi",

"address": "123 Main Street",

"village": "Greenland"

}

}

}

}

},

"404": {

"description": "Address not found",

"content": {

"application/json": {

"example": {

"success": false,

"message": "Address not found",

"error": {

"code": "ADDRESS\_NOT\_FOUND",

"description": "No address found for UID: 12345"

}

}

}

}

},

"400": {

"description": "Error retrieving address",

"content": {

"application/json": {

"example": {

"success": false,

"message": "Error retrieving address",

"error": {

"code": "ADDRESS\_RETRIEVAL\_ERROR",

"description": "Database query failed"

}

}

}

}

}

}

}

}

"/api/fpoOrganization": {

"put": {

"summary": "Update FPO organization profile",

"requestBody": {

"required": true,

"content": {

"application/json": {

"example": {

"\_id": "60d5f9b8e1d3f72b4c8b4567",

"nameOfFpo": "Updated FPO Name",

"contactNumber": "9876543210",

"address": "New Location"

}

}

}

},

"responses": {

"200": {

"description": "FPO organization updated successfully",

"content": {

"application/json": {

"example": {

"success": true,

"message": "FPO organization updated successfully",

"data": {

"\_id": "60d5f9b8e1d3f72b4c8b4567",

"nameOfFpo": "Updated FPO Name",

"contactNumber": "9876543210",

"address": "New Location"

}

}

}

}

},

"400": {

"description": "Invalid or missing FPO ID",

"content": {

"application/json": {

"example": {

"success": false,

"message": "Invalid or missing FPO organization ID",

"error": {

"code": "INVALID\_FPO\_ID",

"description": "Please provide a valid MongoDB ObjectId."

}

}

}

}

}

}

}

},

"/api/fpoOrganization/{id}": {

"get": {

"summary": "Get FPO organization by ID",

"parameters": [

{

"name": "id",

"in": "path",

"required": true,

"example": "60d5f9b8e1d3f72b4c8b4567"

}

],

"responses": {

"200": {

"description": "FPO organization retrieved successfully",

"content": {

"application/json": {

"example": {

"success": true,

"message": "FPO organization retrieved successfully",

"data": {

"\_id": "60d5f9b8e1d3f72b4c8b4567",

"nameOfFpo": "Krishi FPO",

"contactNumber": "9876543210",

"address": "Greenland Village"

}

}

}

}

},

"404": {

"description": "FPO organization not found",

"content": {

"application/json": {

"example": {

"success": false,

"message": "FPO organization not found",

"error": {

"code": "FPO\_ORGANIZATION\_NOT\_FOUND",

"description": "No FPO organization found with ID: 60d5f9b8e1d3f72b4c8b4567"

}

}

}

}

}

}

}

},

"/api/fpoOrganization/contact/{contactNumber}": {

"get": {

"summary": "Get FPO organization by contact number",

"parameters": [

{

"name": "contactNumber",

"in": "path",

"required": true,

"example": "9876543210"

}

],

"responses": {

"200": {

"description": "FPO organization retrieved successfully",

"content": {

"application/json": {

"example": {

"success": true,

"message": "FPO organization retrieved successfully",

"data": {

"nameOfFpo": "Krishi FPO",

"contactNumber": "9876543210",

"address": "Greenland Village"

}

}

}

}

},

"404": {

"description": "FPO organization not found",

"content": {

"application/json": {

"example": {

"success": false,

"message": "FPO organization not found",

"error": {

"code": "FPO\_ORGANIZATION\_NOT\_FOUND",

"description": "No FPO organization found with contact number: 9876543210"

}

}

}

}

}

}

}

},

"/api/fpoOrganization/contact/{contactNumber}": {

"put": {

"summary": "Update FPO organization by contact number",

"parameters": [

{

"name": "contactNumber",

"in": "path",

"required": true,

"example": "9876543210"

}

],

"requestBody": {

"required": true,

"content": {

"application/json": {

"example": {

"nameOfFpo": "Updated FPO Name",

"address": "Updated Location"

}

}

}

},

"responses": {

"200": {

"description": "FPO organization updated successfully",

"content": {

"application/json": {

"example": {

"success": true,

"message": "FPO organization updated successfully",

"data": {

"nameOfFpo": "Updated FPO Name",

"address": "Updated Location"

}

}

}

}

},

"404": {

"description": "FPO organization not found",

"content": {

"application/json": {

"example": {

"success": false,

"message": "FPO organization not found",

"error": {

"code": "FPO\_ORGANIZATION\_NOT\_FOUND",

"description": "No FPO organization found with contact number: 9876543210"

}

}

}

}

}

}

}

},

"/api/organization/{typeOfOrganization}": {

"get": {

"summary": "Get FPO data based on type of organization",

"parameters": [

{

"name": "typeOfOrganization",

"in": "path",

"required": true,

"example": "Farmer Group"

}

],

"responses": {

"200": {

"description": "FPO data retrieved successfully",

"content": {

"application/json": {

"example": {

"success": true,

"message": "Entity data retrieved successfully",

"data": [

{

"nameOfFpo": "Krishi Farmers",

"typeOfOrganization": "Farmer Group",

"contactNumber": "9876543210"

}

]

}

}

}

},

"404": {

"description": "No entity found",

"content": {

"application/json": {

"example": {

"success": false,

"message": "No entity found for the specified type of organization",

"error": {

"code": "FPO\_TYPE\_ORG\_NOT\_FOUND",

"description": "No Entity found with type of organization: Farmer Group"

}

}

}

}

}

}

}

},

"/api/fpo-type/{typeOfFpo}": {

"get": {

"summary": "Get FPO data based on type of FPO",

"parameters": [

{

"name": "typeOfFpo",

"in": "path",

"required": true,

"example": "Organic Farming"

}

],

"responses": {

"200": {

"description": "Entity data retrieved successfully",

"content": {

"application/json": {

"example": {

"success": true,

"message": "Entity data retrieved successfully",

"data": [

{

"nameOfFpo": "Organic Growers",

"typeOfFpo": "Organic Farming",

"contactNumber": "9876543210"

}

]

}

}

}

},

"404": {

"description": "No entity found",

"content": {

"application/json": {

"example": {

"success": false,

"message": "No entity found for the specified type of FPO",

"error": {

"code": "ENTITY\_TYPE\_ENTITY\_NOT\_FOUND",

"description": "No Entity found with type of FPO: Organic Farming"

}

}

}

}

}

}

}

}

"/api/entity/contact/{contactNumber}": {

"put": {

"summary": "Update entity by contact number",

"parameters": [

{

"name": "contactNumber",

"in": "path",

"required": true,

"example": "9876543210"

}

],

"requestBody": {

"required": true,

"content": {

"application/json": {

"example": {

"nameOfEntity": "Updated Entity Name",

"typeOfEntity": "Updated Type",

"incorporationDate": "2023-05-10",

"incorporationNumber": "XYZ123456",

"businessLocation": "Updated Location",

"contactPersonName": "Updated Person",

"contactNumberUpadte": "9876543211",

"yourDesignation": "Manager",

"Email": "updated@example.com",

"URL": "https://updated-url.com"

}

}

}

},

"responses": {

"200": {

"description": "Entity updated successfully",

"content": {

"application/json": {

"example": {

"success": true,

"message": "Entity updated successfully",

"data": {

"contactNumber": "9876543210",

"nameOfEntity": "Updated Entity Name",

"typeOfEntity": "Updated Type",

"incorporationDate": "2023-05-10",

"incorporationNumber": "XYZ123456",

"businessLocation": "Updated Location",

"contactPersonName": "Updated Person",

"yourDesignation": "Manager",

"Email": "updated@example.com",

"URL": "https://updated-url.com"

}

}

}

}

},

"404": {

"description": "Entity not found",

"content": {

"application/json": {

"example": {

"success": false,

"message": "Entity not found",

"error": {

"code": "ENTITY\_NOT\_FOUND",

"description": "No entity found with contact number: 9876543210"

}

}

}

}

}

}

}

},

"/api/entity/contact/{contactNumber}": {

"get": {

"summary": "Get entity by contact number",

"parameters": [

{

"name": "contactNumber",

"in": "path",

"required": true,

"example": "9876543210"

}

],

"responses": {

"200": {

"description": "Entity fetched successfully",

"content": {

"application/json": {

"example": {

"success": true,

"message": "Entity fetched successfully",

"data": {

"nameOfEntity": "Krishi Traders",

"typeOfEntity": "Wholesale",

"incorporationDate": "2022-04-15",

"incorporationNumber": "ABC789012",

"businessLocation": "Greenland Market",

"contactPersonName": "John Doe",

"yourDesignation": "Director",

"URL": "https://krishitraders.com",

"Email": "contact@krishitraders.com",

"contactNumber": "9876543210"

}

}

}

}

},

"404": {

"description": "Entity not found",

"content": {

"application/json": {

"example": {

"success": false,

"message": "Entity not found",

"error": {

"code": "ENTITY\_NOT\_FOUND",

"description": "No entity found with contact number: 9876543210"

}

}

}

}

}

}

}

}

"/api/bankDetails": {

"post": {

"summary": "Create or update bank details",

"requestBody": {

"required": true,

"content": {

"application/json": {

"example": {

"uid": "12345",

"bankName": "State Bank of India",

"accountName": "John Doe",

"accountNumber": "9876543210",

"ifscCode": "SBIN0001234",

"URL": "https://bankwebsite.com"

}

}

}

},

"responses": {

"201": {

"description": "Bank details created or updated successfully",

"content": {

"application/json": {

"example": {

"success": true,

"message": "Bank details created successfully",

"data": {

"uid": "12345",

"bankName": "State Bank of India",

"accountName": "John Doe",

"accountNumber": "9876543210",

"ifscCode": "SBIN0001234",

"URL": "https://bankwebsite.com"

}

}

}

}

},

"400": {

"description": "Error creating or updating bank details",

"content": {

"application/json": {

"example": {

"success": false,

"message": "Error creating or updating bank details",

"error": {

"code": "BANK\_DETAILS\_CREATION\_OR\_UPDATE\_ERROR",

"description": "Database error occurred"

}

}

}

}

}

}

}

},

"/api/bankDetails/{uid}": {

"get": {

"summary": "Get bank details by UID",

"parameters": [

{

"name": "uid",

"in": "path",

"required": true,

"example": "12345"

}

],

"responses": {

"200": {

"description": "Bank details retrieved successfully",

"content": {

"application/json": {

"example": {

"success": true,

"message": "Bank details retrieved successfully",

"data": {

"uid": "12345",

"bankName": "State Bank of India",

"accountName": "John Doe",

"accountNumber": "9876543210",

"ifscCode": "SBIN0001234",

"URL": "https://bankwebsite.com"

}

}

}

}

},

"404": {

"description": "Bank details not found",

"content": {

"application/json": {

"example": {

"success": false,

"message": "Bank details not found",

"error": {

"code": "BANK\_DETAILS\_NOT\_FOUND",

"description": "No bank details found with UID: 12345"

}

}

}

}

},

"400": {

"description": "Error retrieving bank details",

"content": {

"application/json": {

"example": {

"success": false,

"message": "Error retrieving bank details",

"error": {

"code": "BANK\_DETAILS\_RETRIEVAL\_ERROR",

"description": "Database query failed"

}

}

}

}

}

}

}

}

"/api/otherDetails": {

"post": {

"summary": "Create or update other details",

"requestBody": {

"required": true,

"content": {

"application/json": {

"example": {

"uid": "12345",

"panCardNumber": "ABCDE1234F",

"gstNumber": "22AAAAA0000A1Z5",

"udyamNumber": "U1234567890",

"aadhaarNumber": "123412341234",

"ifscCode": "SBIN0001234"

}

}

}

},

"responses": {

"201": {

"description": "Other details created or updated successfully",

"content": {

"application/json": {

"example": {

"success": true,

"message": "Other details created successfully",

"data": {

"uid": "12345",

"panCardNumber": "ABCDE1234F",

"gstNumber": "22AAAAA0000A1Z5",

"udyamNumber": "U1234567890",

"aadhaarNumber": "123412341234"

}

}

}

}

},

"400": {

"description": "Error creating or updating other details",

"content": {

"application/json": {

"example": {

"success": false,

"message": "Error creating or updating other details",

"error": {

"code": "OTHER\_DETAILS\_CREATION\_OR\_UPDATE\_ERROR",

"description": "Database error occurred"

}

}

}

}

}

}

}

},

"/api/otherDetails/{uid}": {

"get": {

"summary": "Get other details by UID",

"parameters": [

{

"name": "uid",

"in": "path",

"required": true,

"example": "12345"

}

],

"responses": {

"200": {

"description": "Other details retrieved successfully",

"content": {

"application/json": {

"example": {

"success": true,

"message": "Other details retrieved successfully",

"data": {

"uid": "12345",

"panCardNumber": "ABCDE1234F",

"gstNumber": "22AAAAA0000A1Z5",

"udyamNumber": "U1234567890",

"aadhaarNumber": "123412341234"

}

}

}

}

},

"404": {

"description": "Other details not found",

"content": {

"application/json": {

"example": {

"success": false,

"message": "Other details not found",

"error": {

"code": "OTHER\_DETAILS\_NOT\_FOUND",

"description": "No other details found with UID: 12345"

}

}

}

}

},

"400": {

"description": "Error retrieving other details",

"content": {

"application/json": {

"example": {

"success": false,

"message": "Error retrieving other details",

"error": {

"code": "OTHER\_DETAILS\_RETRIEVAL\_ERROR",

"description": "Database query failed"

}

}

}

}

}

}

}

}

"/api/commodity": {

"post": {

"summary": "Create or update commodity details",

"requestBody": {

"required": true,

"content": {

"application/json": {

"example": {

"uid": "12345",

"operation": "Buy",

"commodity": "Wheat",

"variety": "Hybrid",

"quantity": "1000kg",

"moisture": "12%",

"localGradeSpecification": "Grade A",

"size": "Large",

"count": "500",

"price": "2000 per ton",

"date": "2024-03-20",

"origin": "India",

"location": "Delhi",

"photoVideoLink": "http://example.com/photo.jpg",

"comments": "Fresh stock available",

"verified": false

}

}

}

},

"responses": {

"201": {

"description": "Commodity created successfully",

"content": {

"application/json": {

"example": {

"success": true,

"message": "Commodity created successfully",

"data": {

"commodityId": "60d5f9b8e1d3f72b4c8b4567"

}

}

}

}

},

"400": {

"description": "Error creating commodity",

"content": {

"application/json": {

"example": {

"success": false,

"message": "Error creating commodity",

"error": {

"code": "COMMODITY\_CREATION\_ERROR",

"description": "Missing required fields: UID."

}

}

}

}

}

}

}

},

"/api/commodity/{uid}": {

"get": {

"summary": "Get commodity details by UID",

"parameters": [

{

"name": "uid",

"in": "path",

"required": true,

"example": "12345"

}

],

"responses": {

"200": {

"description": "Commodity details retrieved successfully",

"content": {

"application/json": {

"example": {

"success": true,

"message": "Commodities retrieved successfully",

"data": [

{

"commodity": "Wheat",

"variety": "Hybrid",

"quantity": "1000kg",

"price": "2000 per ton"

}

]

}

}

}

},

"404": {

"description": "No commodities found",

"content": {

"application/json": {

"example": {

"success": false,

"message": "No commodities found",

"error": {

"code": "COMMODITIES\_NOT\_FOUND",

"description": "No commodities found with UID: 12345."

}

}

}

}

}

}

}

},

"/api/commodity/commodities": {

"get": {

"summary": "Get all commodities",

"responses": {

"200": {

"description": "All commodities retrieved successfully",

"content": {

"application/json": {

"example": {

"success": true,

"message": "All commodities retrieved successfully",

"data": [

{

"uid": "12345",

"commodity": "Wheat",

"variety": "Hybrid",

"quantity": "1000kg",

"price": "2000 per ton"

},

{

"uid": "67890",

"commodity": "Rice",

"variety": "Basmati",

"quantity": "500kg",

"price": "3000 per ton"

}

]

}

}

}

}

}

}

},

"/api/commodities/{uid}/{id}": {

"put": {

"summary": "Update a single commodity by UID and ID",

"parameters": [

{

"name": "uid",

"in": "path",

"required": true,

"example": "12345"

},

{

"name": "id",

"in": "path",

"required": true,

"example": "60d5f9b8e1d3f72b4c8b4567"

}

],

"requestBody": {

"required": true,

"content": {

"application/json": {

"example": {

"price": "2100 per ton",

"quantity": "1200kg"

}

}

}

},

"responses": {

"200": {

"description": "Commodity updated successfully",

"content": {

"application/json": {

"example": {

"success": true,

"message": "Commodity updated successfully",

"data": {

"commodityId": "60d5f9b8e1d3f72b4c8b4567",

"price": "2100 per ton",

"quantity": "1200kg"

}

}

}

}

},

"404": {

"description": "Commodity not found",

"content": {

"application/json": {

"example": {

"success": false,

"message": "Commodity not found",

"error": {

"code": "COMMODITY\_NOT\_FOUND",

"description": "No commodity found with UID: 12345 and ID: 60d5f9b8e1d3f72b4c8b4567."

}

}

}

}

}

}

}

},

"/api/commodities/{commodity}": {

"get": {

"summary": "Get commodities by value",

"parameters": [

{

"name": "commodity",

"in": "path",

"required": true,

"example": "Wheat"

}

],

"responses": {

"200": {

"description": "Commodities retrieved successfully",

"content": {

"application/json": {

"example": {

"success": true,

"message": "Commodities for Wheat retrieved successfully",

"data": [

{

"uid": "12345",

"commodity": "Wheat",

"variety": "Hybrid",

"price": "2000 per ton"

}

]

}

}

}

}

}

}

},

"/api/commodity/{uid}/verified": {

"patch": {

"summary": "Update verified status of a commodity",

"parameters": [

{

"name": "uid",

"in": "path",

"required": true,

"example": "12345"

}

],

"requestBody": {

"required": true,

"content": {

"application/json": {

"example": {

"verified": true

}

}

}

},

"responses": {

"200": {

"description": "Verified status updated successfully",

"content": {

"application/json": {

"example": {

"success": true,

"message": "Verified status updated successfully",

"data": {

"uid": "12345",

"verified": true

}

}

}

}

}

}

}

},

"/api/commodity/delete/{uid}": {

"delete": {

"summary": "Delete an enquiry by UID",

"parameters": [

{

"name": "uid",

"in": "path",

"required": true,

"example": "12345"

}

],

"responses": {

"200": {

"description": "Enquiry deleted successfully",

"content": {

"application/json": {

"example": {

"success": true,

"message": "Enquiry deleted successfully"

}

}

}

},

"404": {

"description": "Enquiry not found",

"content": {

"application/json": {

"example": {

"success": false,

"message": "Enquiry not found",

"error": {

"code": "ENQUIRY\_NOT\_FOUND",

"description": "No enquiry found with UID: 12345."

}

}

}

}

}

}

}

}

"/api/commodities/{uid}/{commodity}": {

"get": {

"summary": "Get commodities based on UID and commodity with optional operation",

"parameters": [

{

"name": "uid",

"in": "path",

"required": true,

"example": "60d5f9b8e1d3f72b4c8b4567"

},

{

"name": "commodity",

"in": "path",

"required": true,

"example": "Wheat"

},

{

"name": "operation",

"in": "query",

"required": false,

"example": "Buy",

"description": "Filter by operation type (default is 'Buy')"

}

],

"responses": {

"200": {

"description": "Commodities retrieved successfully",

"content": {

"application/json": {

"example": {

"success": true,

"message": "Commodities retrieved successfully",

"data": [

{

"uid": "60d5f9b8e1d3f72b4c8b4567",

"commodity": "Wheat",

"operation": "Buy",

"price": 1500,

"quantity": "500kg"

}

]

}

}

}

},

"404": {

"description": "No commodities found for the given criteria",

"content": {

"application/json": {

"example": {

"success": false,

"message": "No Enquiry found for uid: 60d5f9b8e1d3f72b4c8b4567, commodity: Wheat, and operation: Buy",

"error": {

"code": "Enquiry\_NOT\_FOUND",

"description": "No Enquiry match the specified criteria."

}

}

}

}

},

"400": {

"description": "Missing required parameters",

"content": {

"application/json": {

"example": {

"success": false,

"message": "UID and commodity are required",

"error": {

"code": "UID\_COMMODITY\_REQUIRED",

"description": "Both UID and commodity must be provided to fetch the commodities."

}

}

}

}

}

}

}

}

"/api/mandi/fetch-and-save": {

"post": {

"summary": "Fetch and Save Mandi Prices",

"description": "Fetches mandi price data from an external API and saves it to the database.",

"responses": {

"200": {

"description": "Data saved successfully",

"content": {

"application/json": {

"example": {

"message": "Data saved successfully!"

}

}

}

},

"500": {

"description": "Failed to fetch and save data",

"content": {

"application/json": {

"example": {

"message": "Failed to fetch and save data."

}

}

}

}

}

}

},

"/api/mandi/mandi-price-filter": {

"get": {

"summary": "Get Mandi Price Filter Data",

"description": "Retrieves a hierarchical list of states, districts, and commodities based on available mandi price data.",

"responses": {

"200": {

"description": "Mandi price data fetched successfully",

"content": {

"application/json": {

"example": {

"success": true,

"message": "Mandi price data fetched successfully",

"data": [

{

"state": "Maharashtra",

"districts": [

{

"district": "Pune",

"commodities": ["Wheat", "Rice"]

}

]

}

]

}

}

}

},

"500": {

"description": "Error fetching mandi prices",

"content": {

"application/json": {

"example": {

"success": false,

"message": "Error fetching mandi prices",

"error": {

"code": "MANDI\_PRICE\_FETCH\_ERROR",

"description": "Database error occurred"

}

}

}

}

}

}

}

},

"/api/mandi/mandiPrices": {

"get": {

"summary": "Get Mandi Prices by Filters",

"parameters": [

{

"name": "state",

"in": "query",

"required": true,

"example": "Maharashtra"

},

{

"name": "district",

"in": "query",

"required": true,

"example": "Pune"

},

{

"name": "commodity",

"in": "query",

"required": true,

"example": "Wheat"

},

{

"name": "initialDate",

"in": "query",

"required": true,

"example": "01/01/2024"

},

{

"name": "finalDate",

"in": "query",

"required": true,

"example": "31/01/2024"

}

],

"responses": {

"200": {

"description": "Mandi prices retrieved successfully",

"content": {

"application/json": {

"example": {

"success": true,

"message": "Mandi prices retrieved successfully",

"data": [

{

"state": "Maharashtra",

"district": "Pune",

"commodity": "Wheat",

"min\_price": 1200,

"max\_price": 1500,

"modal\_price": 1350,

"arrival\_date": "10/01/2024"

}

]

}

}

}

},

"404": {

"description": "No mandi price data found",

"content": {

"application/json": {

"example": {

"success": false,

"message": "No mandi price data found for the provided filters"

}

}

}

},

"500": {

"description": "Error fetching mandi prices",

"content": {

"application/json": {

"example": {

"success": false,

"message": "Error fetching mandi prices",

"error": {

"code": "MANDI\_PRICE\_FETCH\_ERROR",

"description": "Database error occurred"

}

}

}

}

}

}

}

},

"/api/mandi/filter": {

"get": {

"summary": "Get States, Districts, and Commodities",

"parameters": [

{

"name": "stateName",

"in": "query",

"required": false,

"example": "Maharashtra"

},

{

"name": "districtName",

"in": "query",

"required": false,

"example": "Pune"

}

],

"responses": {

"200": {

"description": "Data fetched successfully",

"content": {

"application/json": {

"example": {

"success": true,

"message": "Data fetched successfully",

"data": [

"Pune",

"Mumbai"

]

}

}

}

},

"404": {

"description": "State or District not found",

"content": {

"application/json": {

"example": {

"success": false,

"message": "State 'XYZ' not found",

"error": {

"code": "STATE\_NOT\_FOUND",

"description": "No data available for the state 'XYZ'"

}

}

}

}

}

}

}

},

"/api/market/filter": {

"get": {

"summary": "Get States and Districts",

"parameters": [

{

"name": "stateName",

"in": "query",

"required": false,

"example": "Maharashtra"

},

{

"name": "districtName",

"in": "query",

"required": false,

"example": "Pune"

}

],

"responses": {

"200": {

"description": "Data fetched successfully",

"content": {

"application/json": {

"example": {

"success": true,

"message": "Data fetched successfully",

"data": [

"Pune",

"Mumbai"

]

}

}

}

},

"404": {

"description": "State or District not found",

"content": {

"application/json": {

"example": {

"success": false,

"message": "State 'XYZ' not found",

"error": {

"code": "STATE\_NOT\_FOUND",

"description": "No data available for the state 'XYZ'"

}

}

}

}

}

}

}

},

"/api/mandi/update-mandi-data": {

"get": {

"summary": "Update State Data from Mandi Prices",

"description": "Fetches unique states and districts from mandi prices and updates the database.",

"responses": {

"200": {

"description": "State data updated successfully",

"content": {

"application/json": {

"example": {

"message": "State data updated successfully from MandiPrice"

}

}

}

},

"500": {

"description": "Error updating state data",

"content": {

"application/json": {

"example": {

"message": "Database error occurred while updating state data"

}

}

}

}

}

}

}

"/api/all/crops": {

"get": {

"summary": "Get All Crop Names",

"description": "Retrieves a list of all crop names available in the database.",

"responses": {

"200": {

"description": "Crop names retrieved successfully",

"content": {

"application/json": {

"example": {

"success": true,

"message": "Crop names retrieved successfully",

"data": ["Wheat", "Rice", "Corn"]

}

}

}

},

"400": {

"description": "Error retrieving crop names",

"content": {

"application/json": {

"example": {

"success": false,

"message": "Error retrieving crop names",

"error": {

"code": "CROP\_NAMES\_RETRIEVAL\_ERROR",

"description": "Database error occurred"

}

}

}

}

}

}

}

},

"/api/crops/{name}": {

"get": {

"summary": "Get Crop Details by Name",

"parameters": [

{

"name": "name",

"in": "path",

"required": true,

"example": "Wheat"

}

],

"responses": {

"200": {

"description": "Crop details retrieved successfully",

"content": {

"application/json": {

"example": {

"success": true,

"message": "Crop details retrieved successfully",

"data": {

"\_id": "60d5f9b8e1d3f72b4c8b4567",

"localName": "Wheat",

"scientificName": "Triticum aestivum",

"sowingSeason": "Winter",

"harvestTime": "Spring"

}

}

}

}

},

"404": {

"description": "Crop not found",

"content": {

"application/json": {

"example": {

"success": false,

"message": "Crop not found",

"data": null

}

}

}

},

"500": {

"description": "Server error",

"content": {

"application/json": {

"example": {

"success": false,

"message": "Server error"

}

}

}

}

}

}

},

"/api/varity/{localName}": {

"get": {

"summary": "Get Varieties by Local Name",

"parameters": [

{

"name": "localName",

"in": "path",

"required": true,

"example": "Wheat"

}

],

"responses": {

"200": {

"description": "Varieties retrieved successfully",

"content": {

"application/json": {

"example": {

"success": true,

"message": "Varieties retrieved successfully",

"data": [

{

"\_id": "60d6f7c8e1d3f72b4c8b4568",

"name": "Hybrid Wheat",

"cropId": "60d5f9b8e1d3f72b4c8b4567"

},

{

"\_id": "60d6f7c8e1d3f72b4c8b4569",

"name": "Traditional Wheat",

"cropId": "60d5f9b8e1d3f72b4c8b4567"

}

]

}

}

}

},

"404": {

"description": "No varieties found for this crop",

"content": {

"application/json": {

"example": {

"success": false,

"message": "No varieties found for this crop",

"data": null

}

}

}

},

"500": {

"description": "Error fetching data",

"content": {

"application/json": {

"example": {

"success": false,

"message": "Error fetching data",

"error": "Database error occurred"

}

}

}

}

}

}

}

"/api/news": {

"post": {

"summary": "Create a News Entry",

"description": "Adds a new news entry to the database.",

"requestBody": {

"required": true,

"content": {

"application/json": {

"example": {

"title": "New Crop Update",

"description": "Latest updates on wheat crop yield.",

"imageURL": "https://example.com/news.jpg",

"priority": 1

}

}

}

},

"responses": {

"201": {

"description": "News created successfully",

"content": {

"application/json": {

"example": {

"message": "News created successfully",

"news": {

"\_id": "60d5f9b8e1d3f72b4c8b4567",

"title": "New Crop Update",

"description": "Latest updates on wheat crop yield.",

"imageURL": "https://example.com/news.jpg",

"priority": 1

}

}

}

}

},

"500": {

"description": "Error creating news",

"content": {

"application/json": {

"example": {

"message": "Error creating news",

"error": "Database connection failed"

}

}

}

}

}

}

},

"/api/all/news": {

"get": {

"summary": "Get All News Entries",

"description": "Retrieves all news entries, sorted by priority.",

"responses": {

"200": {

"description": "News retrieved successfully",

"content": {

"application/json": {

"example": {

"success": true,

"message": "News retrieved successfully",

"data": [

{

"\_id": "60d5f9b8e1d3f72b4c8b4567",

"title": "New Crop Update",

"description": "Latest updates on wheat crop yield.",

"imageURL": "https://example.com/news.jpg",

"priority": 1

}

]

}

}

}

},

"500": {

"description": "Failed to retrieve news",

"content": {

"application/json": {

"example": {

"success": false,

"message": "Failed to retrieve news",

"error": "Database error occurred"

}

}

}

}

}

}

},

"/api/news/{id}": {

"get": {

"summary": "Get News by ID",

"parameters": [

{

"name": "id",

"in": "path",

"required": true,

"example": "60d5f9b8e1d3f72b4c8b4567"

}

],

"responses": {

"200": {

"description": "News retrieved successfully",

"content": {

"application/json": {

"example": {

"\_id": "60d5f9b8e1d3f72b4c8b4567",

"title": "New Crop Update",

"description": "Latest updates on wheat crop yield.",

"imageURL": "https://example.com/news.jpg",

"priority": 1

}

}

}

},

"404": {

"description": "News not found",

"content": {

"application/json": {

"example": {

"message": "News not found"

}

}

}

},

"500": {

"description": "Error fetching news",

"content": {

"application/json": {

"example": {

"message": "Error fetching news",

"error": "Database error occurred"

}

}

}

}

}

},

"put": {

"summary": "Update News by ID",

"parameters": [

{

"name": "id",

"in": "path",

"required": true,

"example": "60d5f9b8e1d3f72b4c8b4567"

}

],

"requestBody": {

"required": true,

"content": {

"application/json": {

"example": {

"title": "Updated Crop News",

"description": "New updates on wheat market trends.",

"imageURL": "https://example.com/news-updated.jpg",

"priority": 2

}

}

}

},

"responses": {

"200": {

"description": "News updated successfully",

"content": {

"application/json": {

"example": {

"message": "News updated successfully",

"news": {

"\_id": "60d5f9b8e1d3f72b4c8b4567",

"title": "Updated Crop News",

"description": "New updates on wheat market trends.",

"imageURL": "https://example.com/news-updated.jpg",

"priority": 2

}

}

}

}

},

"404": {

"description": "News not found",

"content": {

"application/json": {

"example": {

"message": "News not found"

}

}

}

},

"500": {

"description": "Error updating news",

"content": {

"application/json": {

"example": {

"message": "Error updating news",

"error": "Database error occurred"

}

}

}

}

}

},

"delete": {

"summary": "Delete News by ID",

"parameters": [

{

"name": "id",

"in": "path",

"required": true,

"example": "60d5f9b8e1d3f72b4c8b4567"

}

],

"responses": {

"200": {

"description": "News deleted successfully",

"content": {

"application/json": {

"example": {

"message": "News deleted successfully"

}

}

}

},

"404": {

"description": "News not found",

"content": {

"application/json": {

"example": {

"message": "News not found"

}

}

}

},

"500": {

"description": "Error deleting news",

"content": {

"application/json": {

"example": {

"message": "Error deleting news",

"error": "Database error occurred"

}

}

}

}

}

}

}

"/api/cropdata": {

"post": {

"summary": "Create a Crop Data Entry",

"description": "Adds a new crop data entry to the database.",

"requestBody": {

"required": true,

"content": {

"application/json": {

"example": {

"cropName": "Wheat",

"value": 2000

}

}

}

},

"responses": {

"201": {

"description": "Crop data created successfully",

"content": {

"application/json": {

"example": {

"\_id": "60d5f9b8e1d3f72b4c8b4567",

"cropName": "Wheat",

"value": 2000

}

}

}

},

"500": {

"description": "Error creating crop data",

"content": {

"application/json": {

"example": {

"message": "Database error occurred"

}

}

}

}

}

},

"get": {

"summary": "Get All Crop Data",

"description": "Retrieves all crop data entries from the database.",

"responses": {

"200": {

"description": "Crop data retrieved successfully",

"content": {

"application/json": {

"example": {

"success": true,

"data": [

{

"\_id": "60d5f9b8e1d3f72b4c8b4567",

"cropName": "Wheat",

"value": 2000

},

{

"\_id": "60d5f9b8e1d3f72b4c8b4568",

"cropName": "Rice",

"value": 1800

}

]

}

}

}

},

"500": {

"description": "Failed to retrieve crop data",

"content": {

"application/json": {

"example": {

"message": "Database error occurred"

}

}

}

}

}

}

},

"/api/cropdata/{cropName}": {

"get": {

"summary": "Get Crop Data by Name",

"parameters": [

{

"name": "cropName",

"in": "path",

"required": true,

"example": "Wheat"

}

],

"responses": {

"200": {

"description": "Crop data retrieved successfully",

"content": {

"application/json": {

"example": {

"\_id": "60d5f9b8e1d3f72b4c8b4567",

"cropName": "Wheat",

"value": 2000

}

}

}

},

"404": {

"description": "Crop data not found",

"content": {

"application/json": {

"example": {

"message": "Crop data not found"

}

}

}

},

"500": {

"description": "Error fetching crop data",

"content": {

"application/json": {

"example": {

"message": "Database error occurred"

}

}

}

}

}

},

"put": {

"summary": "Update Crop Data Value by Name",

"parameters": [

{

"name": "cropName",

"in": "path",

"required": true,

"example": "Wheat"

}

],

"requestBody": {

"required": true,

"content": {

"application/json": {

"example": {

"value": 2200

}

}

}

},

"responses": {

"200": {

"description": "Crop data updated successfully",

"content": {

"application/json": {

"example": {

"\_id": "60d5f9b8e1d3f72b4c8b4567",

"cropName": "Wheat",

"value": 2200

}

}

}

},

"404": {

"description": "Crop data not found",

"content": {

"application/json": {

"example": {

"message": "Crop data not found"

}

}

}

},

"500": {

"description": "Error updating crop data",

"content": {

"application/json": {

"example": {

"message": "Database error occurred"

}

}

}

}

}

},

"delete": {

"summary": "Delete Crop Data by Name",

"parameters": [

{

"name": "cropName",

"in": "path",

"required": true,

"example": "Wheat"

}

],

"responses": {

"200": {

"description": "Crop data deleted successfully",

"content": {

"application/json": {

"example": {

"message": "Crop data deleted successfully"

}

}

}

},

"404": {

"description": "Crop data not found",

"content": {

"application/json": {

"example": {

"message": "Crop data not found"

}

}

}

},

"500": {

"description": "Error deleting crop data",

"content": {

"application/json": {

"example": {

"message": "Database error occurred"

}

}

}

}

}

}

}

"/api/market-price/add": {

"post": {

"summary": "Add or Update Market Price Data",

"description": "Adds or updates market price data for a given state, district, market, and commodity.",

"requestBody": {

"required": true,

"content": {

"application/json": {

"example": {

"state": "Maharashtra",

"district": "Pune",

"market": "Pune Market",

"commodity": "Wheat",

"price": 2200,

"date": "2024-03-01"

}

}

}

},

"responses": {

"200": {

"description": "Market price data added/updated successfully",

"content": {

"application/json": {

"example": {

"message": "Market price data added/updated successfully.",

"record": {

"state": "Maharashtra",

"district": "Pune",

"market": "Pune Market",

"commodity": "Wheat",

"prices": [

{

"price": 2200,

"date": "2024-03-01"

}

]

}

}

}

}

},

"500": {

"description": "Error adding/updating market price data",

"content": {

"application/json": {

"example": {

"error": "An error occurred while adding/updating market price data."

}

}

}

}

}

}

},

"/api/market-price/market-insight": {

"get": {

"summary": "Get Market Price Data by Filters",

"description": "Fetches market price data for a given state, district, and commodity.",

"parameters": [

{

"name": "state",

"in": "query",

"required": true,

"example": "Maharashtra"

},

{

"name": "district",

"in": "query",

"required": true,

"example": "Pune"

},

{

"name": "commodity",

"in": "query",

"required": true,

"example": "Wheat"

}

],

"responses": {

"200": {

"description": "Market price data retrieved successfully",

"content": {

"application/json": {

"example": {

"success": true,

"message": "Data retrieved successfully.",

"data": [

{

"state": "Maharashtra",

"district": "Pune",

"market": "Pune Market",

"commodity": "Wheat",

"prices": [

{

"price": 2200,

"date": "2024-03-01"

}

]

}

]

}

}

}

},

"400": {

"description": "Missing required query parameters",

"content": {

"application/json": {

"example": {

"success": false,

"message": "Missing required query parameters.",

"error": {

"code": "MISSING\_PARAMETERS",

"description": "State, district, and commodity must be provided."

}

}

}

}

},

"404": {

"description": "No data found for the specified filters",

"content": {

"application/json": {

"example": {

"success": false,

"message": "No data found for the specified filters.",

"error": {

"code": "NO\_DATA\_FOUND",

"description": "No records match the given state, district, and commodity."

}

}

}

}

}

}

}

},

"/api/market-price/generate-market-prices": {

"post": {

"summary": "Generate Market Price Data",

"description": "Generates and saves random market price data for 5 selected state-district-commodity combinations.",

"responses": {

"201": {

"description": "Market price data generated and saved successfully",

"content": {

"application/json": {

"example": {

"message": "Market price data generated and saved for 5 combinations successfully!"

}

}

}

},

"500": {

"description": "Error generating market price data",

"content": {

"application/json": {

"example": {

"message": "An error occurred while generating market price data.",

"error": "Database error occurred."

}

}

}

}

}

}

},

"/api/market-price/{id}": {

"get": {

"summary": "Get Market Price Data by ID",

"description": "Fetches a market price record by its unique ID.",

"parameters": [

{

"name": "id",

"in": "path",

"required": true,

"example": "60d5f9b8e1d3f72b4c8b4567"

}

],

"responses": {

"200": {

"description": "Market price document retrieved successfully",

"content": {

"application/json": {

"example": {

"success": true,

"message": "Document retrieved successfully.",

"data": {

"\_id": "60d5f9b8e1d3f72b4c8b4567",

"state": "Maharashtra",

"district": "Pune",

"market": "Pune Market",

"commodity": "Wheat",

"prices": [

{

"price": 2200,

"date": "2024-03-01"

}

]

}

}

}

}

},

"404": {

"description": "No document found for the provided ID",

"content": {

"application/json": {

"example": {

"success": false,

"message": "No document found for the provided ID.",

"error": {

"code": "DOCUMENT\_NOT\_FOUND",

"description": "No record matches the given \_id."

}

}

}

}

},

"500": {

"description": "Error retrieving document",

"content": {

"application/json": {

"example": {

"success": false,

"message": "An error occurred while retrieving the document.",

"error": {

"code": "SERVER\_ERROR",

"description": "Database error occurred."

}

}

}

}

}

}

}

},

"/api/market-price/me/market-data/give": {

"get": {

"summary": "Get All Market Data",

"description": "Retrieves all market data records, including state, district, and commodity information.",

"responses": {

"200": {

"description": "Market data retrieved successfully",

"content": {

"application/json": {

"example": {

"message": "Market data retrieved successfully.",

"data": [

{

"state": "Maharashtra",

"district": "Pune",

"commodity": "Wheat"

},

{

"state": "Punjab",

"district": "Ludhiana",

"commodity": "Rice"

}

]

}

}

}

},

"404": {

"description": "No market data found",

"content": {

"application/json": {

"example": {

"message": "No market data found."

}

}

}

},

"500": {

"description": "Error fetching market data",

"content": {

"application/json": {

"example": {

"message": "Internal server error.",

"error": "Database error occurred."

}

}

}

}

}

}

}

"/api/market-insight/price": {

"get": {

"summary": "Get Market Price by Commodity, State, and District",

"description": "Fetches market price data for a given commodity and optional state and district filters.",

"parameters": [

{

"name": "commodity",

"in": "query",

"required": true,

"example": "Wheat"

},

{

"name": "state",

"in": "query",

"required": false,

"example": "Maharashtra"

},

{

"name": "district",

"in": "query",

"required": false,

"example": "Pune"

}

],

"responses": {

"200": {

"description": "Market price data retrieved successfully",

"content": {

"application/json": {

"example": [

{

"state": "Maharashtra",

"district": "Pune",

"market": "Pune Market",

"commodity": "Wheat",

"todays\_price": 2200,

"yesterdays\_price": 2100,

"day\_before\_yesterday\_price": 2000

}

]

}

}

},

"400": {

"description": "Missing required query parameters",

"content": {

"application/json": {

"example": {

"message": "Commodity is required"

}

}

}

},

"404": {

"description": "No price data found",

"content": {

"application/json": {

"example": {

"message": "No price data found"

}

}

}

},

"500": {

"description": "Server error",

"content": {

"application/json": {

"example": {

"message": "Server error"

}

}

}

}

}

}

},

"/api/market-insight/generate-random-prices": {

"post": {

"summary": "Generate Random Price Data",

"description": "Generates and saves random price data for testing purposes.",

"requestBody": {

"required": true,

"content": {

"application/json": {

"example": {

"numItems": 10

}

}

}

},

"responses": {

"201": {

"description": "Random price data generated successfully",

"content": {

"application/json": {

"example": {

"message": "10 random price entries created successfully",

"data": [

{

"state": "Punjab",

"district": "Amritsar",

"market": "Market 1",

"commodity": "Rice",

"todays\_price": 450,

"yesterdays\_price": 440,

"day\_before\_yesterday\_price": 430

}

]

}

}

}

},

"400": {

"description": "Invalid number of items",

"content": {

"application/json": {

"example": {

"message": "Please provide a valid number of items to generate"

}

}

}

},

"500": {

"description": "Error generating random price data",

"content": {

"application/json": {

"example": {

"message": "Error generating random price data"

}

}

}

}

}

}

},

"/api/market-insight/populate-price-data": {

"post": {

"summary": "Populate Price Data from Market Prices",

"description": "Processes all MarketPrice documents and updates the Price collection with the latest price changes.",

"responses": {

"200": {

"description": "Market price data processed successfully",

"content": {

"application/json": {

"example": {

"message": "All MarketPrice documents processed successfully!"

}

}

}

},

"500": {

"description": "Error processing MarketPrice documents",

"content": {

"application/json": {

"example": {

"message": "Error processing MarketPrice documents"

}

}

}

}

}

}

}

"/api/send-otp": {

"post": {

"summary": "Send OTP to Phone Number",

"description": "Generates an OTP and sends it to the provided phone number via WhatsApp.",

"requestBody": {

"required": true,

"content": {

"application/json": {

"example": {

"phoneNumber": "9876543210"

}

}

}

},

"responses": {

"200": {

"description": "OTP sent successfully",

"content": {

"application/json": {

"example": {

"success": true,

"message": "OTP sent successfully",

"data": {

"otp": "1234"

}

}

}

}

},

"400": {

"description": "Phone number is missing",

"content": {

"application/json": {

"example": {

"message": "Phone number is required"

}

}

}

},

"500": {

"description": "Failed to send OTP",

"content": {

"application/json": {

"example": {

"success": false,

"message": "Failed to send OTP",

"error": {

"code": "OTP\_SEND\_FAILURE",

"description": "An error occurred while sending the OTP."

}

}

}

}

}

}

}

},

"/api/check-otp": {

"post": {

"summary": "Verify OTP for Phone Number",

"description": "Checks if the provided OTP is valid for the given phone number.",

"requestBody": {

"required": true,

"content": {

"application/json": {

"example": {

"phoneNumber": "9876543210",

"otp": "1234"

}

}

}

},

"responses": {

"200": {

"description": "OTP is valid",

"content": {

"application/json": {

"example": {

"success": true,

"message": "Yes, otp exists"

}

}

}

},

"400": {

"description": "Missing required parameters",

"content": {

"application/json": {

"example": {

"success": false,

"message": "Phone number and OTP are required",

"error": {

"code": "MISSING\_PARAMETERS",

"description": "Please provide both phone number and OTP."

}

}

}

}

},

"404": {

"description": "OTP does not exist",

"content": {

"application/json": {

"example": {

"success": false,

"message": "No, it does not exist",

"error": {

"code": "NOT\_FOUND",

"description": "The provided phone number and OTP combination does not exist."

}

}

}

}

},

"500": {

"description": "Server error",

"content": {

"application/json": {

"example": {

"success": false,

"message": "Server error",

"error": {

"code": "SERVER\_ERROR",

"description": "An unexpected error occurred."

}

}

}

}

}

}

}

},

"/api/check-otp-email": {

"post": {

"summary": "Verify OTP for Email",

"description": "Checks if the provided OTP is valid for the given email.",

"requestBody": {

"required": true,

"content": {

"application/json": {

"example": {

"Email": "user@example.com",

"otp": "5678"

}

}

}

},

"responses": {

"200": {

"description": "OTP is valid",

"content": {

"application/json": {

"example": {

"success": true,

"message": "Yes, otp exists"

}

}

}

},

"400": {

"description": "Missing required parameters",

"content": {

"application/json": {

"example": {

"success": false,

"message": "Email and OTP are required",

"error": {

"code": "MISSING\_PARAMETERS",

"description": "Please provide both Email and OTP."

}

}

}

}

},

"404": {

"description": "OTP does not exist",

"content": {

"application/json": {

"example": {

"success": false,

"message": "No, it does not exist",

"error": {

"code": "NOT\_FOUND",

"description": "The provided Email and OTP combination does not exist."

}

}

}

}

},

"500": {

"description": "Server error",

"content": {

"application/json": {

"example": {

"success": false,

"message": "Server error",

"error": {

"code": "SERVER\_ERROR",

"description": "An unexpected error occurred."

}

}

}

}

}

}

}

}

}