

AgroSmartBackend API Documentation

Base URL: `https://localhost:7059/api`

User APIs

Method	Endpoint	Description
GET	<code>/User/All</code>	Get all users
GET	<code>/User/{id}</code>	Get user by ID
POST	<code>/User</code>	Add a new user
PUT	<code>/User/{id}</code>	Update user by ID
DELETE	<code>/User/{id}</code>	Delete user by ID

Crop APIs

Method	Endpoint	Description
GET	<code>/Crop/All</code>	Get all crops
GET	<code>/Crop/{id}</code>	Get crop by ID
POST	<code>/Crop</code>	Add a new crop
PUT	<code>/Crop/{id}</code>	Update crop by ID
DELETE	<code>/Crop/{id}</code>	Delete crop by ID

Farm APIs

Method	Endpoint	Description
GET	<code>/Farm/All</code>	Get all farms
GET	<code>/Farm/{id}</code>	Get farm by ID

Method	Endpoint	Description
POST	<code>/Farm</code>	Add a new farm
PUT	<code>/Farm/{id}</code>	Update farm by ID
DELETE	<code>/Farm/{id}</code>	Delete farm by ID

Field APIs

Method	Endpoint	Description
GET	<code>/Field/All</code>	Get all fields
GET	<code>/Field/{id}</code>	Get field by ID
GET	<code>/Field/ByFarm/{farmId}</code>	Get fields for a farm
POST	<code>/Field</code>	Add a new field
PUT	<code>/Field/{id}</code>	Update field by ID
DELETE	<code>/Field/{id}</code>	Delete field by ID

FieldWiseCrop APIs

Method	Endpoint	Description
GET	<code>/FieldWiseCrop/All</code>	Get all field-wise crops
GET	<code>/FieldWiseCrop/{id}</code>	Get field-wise crop by ID
GET	<code>/FieldWiseCrop/ByField/{fieldId}</code>	Get crops by field ID
GET	<code>/FieldWiseCrop/ByCrop/{cropId}</code>	Get crops by crop ID
POST	<code>/FieldWiseCrop</code>	Add a new field-wise crop
PUT	<code>/FieldWiseCrop/{id}</code>	Update field-wise crop
DELETE	<code>/FieldWiseCrop/{id}</code>	Delete field-wise crop

Recommendation APIs

Method	Endpoint	Description
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Method	Endpoint	Description
GET	<code>/Recommendation/All</code>	Get all recommendations
GET	<code>/Recommendation/{id}</code>	Get recommendation by ID
GET	<code>/Recommendation/ByField/{fieldId}</code>	Get recommendations by field
POST	<code>/Recommendation</code>	Add new recommendation
PUT	<code>/Recommendation/{id}</code>	Update recommendation by ID
DELETE	<code>/Recommendation/{id}</code>	Delete recommendation by ID

Schedule APIs

Method	Endpoint	Description
GET	<code>/Schedule/All</code>	Get all schedules
GET	<code>/Schedule/{id}</code>	Get schedule by ID
GET	<code>/Schedule/ByField/{fieldId}</code>	Get schedules by field ID
GET	<code>/Schedule/ByCreatedBy/{userId}</code>	Get schedules by user ID
POST	<code>/Schedule</code>	Add a new schedule
PUT	<code>/Schedule/{id}</code>	Update schedule by ID
DELETE	<code>/Schedule/{id}</code>	Delete schedule by ID

Sensor APIs

Method	Endpoint	Description
GET	<code>/Sensor/All</code>	Get all sensors
GET	<code>/Sensor/{id}</code>	Get sensor by ID
GET	<code>/Sensor/ByField/{fieldId}</code>	Get sensors by field ID
POST	<code>/Sensor</code>	Add a new sensor
PUT	<code>/Sensor/{id}</code>	Update sensor by ID
DELETE	<code>/Sensor/{id}</code>	Delete sensor by ID

WeatherData APIs

Method	Endpoint	Description
GET	/WeatherData/All	Get all weather data
GET	/WeatherData/{id}	Get weather data by ID
GET	/WeatherData/ByLocation/{location}	Get weather by location (partial)
GET	/WeatherData/ByDate/{date}	Get weather by forecast date
POST	/WeatherData	Add weather data
PUT	/WeatherData/{id}	Update weather data
DELETE	/WeatherData/{id}	Delete weather data