

Web Service Endpoint Specification

1. Overview

This document describes the RESTful API endpoints for the `Sample Web Service`. All endpoints are prefixed with `/api/v1/`.

2. Endpoints

2.1 Get List of Items

Method	GET
URI	<code>/api/v1/items</code>
Description	Retrieve a list of items.

Response Example:

```
{
  "items": [
    { "id": 1, "name": "Item A" },
    { "id": 2, "name": "Item B" }
  ]
}
```

2.2 Create New Item

Method	POST
URI	<code>/api/v1/items</code>
Description	Create a new item.

Request Body:

```
{
  "name": "Item X"
}
```

Response Example:

```
{
  "id": 5,
  "name": "Item X"
}
```

2.3 Get Item by ID

Method	GET
URI	<code>/api/v1/items/{id}</code>
Description	Retrieve a specific item.

Response Example:

```
{
  "id": 2,
  "name": "Item B"
}
```

3. Data Model

Field	Type	Description
id	integer	Unique identifier
name	string	Name of the item

4. Status Codes

- 200 OK â€” Successful request
- 201 Created â€” Resource created
- 400 Bad Request â€” Validation error
- 404 Not Found â€” Item not found