

Task 3: Document the API from the changelog

API Endpoint: `/api/v1/download_samples/`

Description: This endpoint allows you to **list all downloadable file samples** or **request download links for specific samples**, depending on the HTTP method used.

Authentication: All requests require **Basic Authentication** (**username** and **password** in the request header).

Allowed HTTP methods: **HTTP** and **GET**.

GET

- **Returns a list** of all files available for download.
- Supports optional query **parameters** (i.e. filtering):
 - **date** (format: YYYY-MM-DD): Returns only files analyzed on this date.
 - **user_id**: Returns only files uploaded by this specific user.

Example: cURL (GET)

```
curl -u z1000_user:z1000_password_example_123 \

"https://api.reversinglabs.com/api/v1/download_samples/?date=2025-05-18&user_id=user_123"
```

Example: GET Response

```
[
  {
    "file_id": "abc123",
    "file_name": "report_may18.pdf",
    "date_analyzed": "2025-05-18",
    "user_id": "user_123"
  },
  {
    "file_id": "xyz789",
    "file_name": "summary_may18.csv",
    "date_analyzed": "2025-05-18",
    "user_id": "user_123"
  }
]
```

POST

- Accepts a list of file IDs in the Request Body and **returns URLs** for downloading those files.
- Ignores query parameters.

Request Body (JSON)

```
{
  "file_ids": ["abc123", "xyz789"]
}
```

Example: cURL (POST)

```
curl -u z1000_user:z1000_password_example_123 \
  -H "Content-Type: application/json" \
  -X POST -d '{"file_ids": ["abc123", "xyz789"]}' \
  https://api.reversinglabs.com/api/v1/download_samples/
```

Example: POST Response

```
{
  "downloads": [
    {
      "file_id": "abc123",
      "download_url": "https://api.reversinglabs.com/downloads/abc123"
    },
    {
      "file_id": "xyz789",
      "download_url": "https://api.reversinglabs.com/downloads/xyz789"
    }
  ]
}
```