

Medical Report Simplifier - Sample API Requests

1. Health Check

```
curl -X GET "http://localhost:8000/api/v1/health"
```

2. Process Text Input - Normal Case

```
curl -X POST "http://localhost:8000/api/v1/process-text"
-H "Content-Type: application/json"
-d '{
"text": "CBC: Hemoglobin 10.2 g/dL (Low), WBC 11,200 /uL (High)"
}'
```

3. Process Text Input - Multiple Tests

```
curl -X POST "http://localhost:8000/api/v1/process-text"
-H "Content-Type: application/json"
-d '{
"text": "Complete Blood Count Results: Hemoglobin 8.5 g/dL (Low), WBC 15000 /uL (High), RBC 3.2
million/uL (Low), Platelet 450000 /uL (Normal)"
}'
```

4. Process Text Input - OCR-like with Errors

```
curl -X POST "http://localhost:8000/api/v1/process-text"
-H "Content-Type: application/json"
-d '{
"text": "CBC: Hemglobin 10.2 g/dL (Low), WBC 11200 /uL (Hgh)"
}'
```

PROF

5. Process Text Input - No Medical Tests (Should fail)

```
curl -X POST "http://localhost:8000/api/v1/process-text"
-H "Content-Type: application/json"
-d '{
"text": "This is just regular text without any medical information."
}'
```

6. Process Image Input (replace with actual image file)

```
curl -X POST "http://localhost:8000/api/v1/process-image"
-H "Content-Type: multipart/form-data"
-F "file=@sample_medical_report.png"
```

7. Debug Processing Steps - Text

```
curl -X POST "http://localhost:8000/api/v1/debug-steps"
-H "Content-Type: application/json"
-d '{
"text": "CBC: Hemoglobin 10.2 g/dL (Low), WBC 11,200 /uL (High)"
}'
```

8. Debug Processing Steps - Image

```
curl -X POST "http://localhost:8000/api/v1/debug-steps-image"
-H "Content-Type: multipart/form-data"
-F "file=@sample_medical_report.png"
```

9. Demo Problem Statement Format - Shows exact format from assignment

```
curl -X POST "http://localhost:8000/api/v1/demo-problem-statement"
-H "Content-Type: application/json"
-d '{
"text": "CBC: Hemoglobin 10.2 g/dL (Low), WBC 11,200 /uL (Hgh)"
}'
```

Expected Success Response Format:

```
{
  "tests": [
    {
      "name": "Hemoglobin",
      "value": 10.2,
      "unit": "g/dL",
      "status": "low",
      "ref_range": {"low": 12.0, "high": 15.0}
    },
    {
      "name": "WBC",
      "value": 11200,
      "unit": "/uL",
```

```
"status": "high",  
"ref_range": {"low": 4000, "high": 11000}  
}  
],  
"summary": "Low hemoglobin and high white blood cell count  
detected.",  
"status": "ok"  
}
```

Expected Error Response Format:

```
{  
"status": "unprocessed",  
"reason": "No medical tests found in input text"  
}
```