

Unit Test Document

Project: Loan System Project

Service: GetAllPendingApplicationsService (GAPA)

Purpose: To validate the functionality of the GetAllPendingApplicationsService according to the Interface Specification Document (ISD).

1. Test Summary

Service Name	Test Case ID	Execution Date	Execution Results
GetAllPendingApplicationsService	TC-001 success		Pass
	TC-002 SchemaError		Pass
	TC-003 Error - No records found		Pass

2. Test Cases & Expected Results

TC001 – Normal Case (Success)

Request:

```
{
  "GetAllPendingApplicationsRq": {
    "Limit": 10,
    "Offset": 0
  }
}
```

Expected Response:

```
{
  "status": "SUCCESS",
  "totalRecords": <number>,
  "applications": [
    {
      "ApplicationId": "<AppId>",
      "ApplicantId": "<ApplicantId>",
      "StatusId": "Pending"
    }
  ]
}
```

TC002 – Schema Error (Invalid Pagination)

Request:

```
{
  "GetAllPendingApplicationsRq": {
    "Limit": -5,
    "Offset": 0
  }
}
```

Expected Response:

```
{
  "ErrorCode": "ERR001",
  "ErrorDescription": "Invalid pagination parameters, Limit or Offset  
is missing or invalid"
}
```

TC003 – No Records Found

Request:

```
{
  "GetAllPendingApplicationsRq": {
    "Limit": 10,
    "Offset": 100
  }
}
```

Expected Response:

```
{
  "ErrorCode": "ERR002",
  "ErrorDescription": "No pending applications found"
}
```