



# **CAPSTONE PROJECT REPORT**

## **Report 5 – Software Test Documentation**

– Da Nang, October 2022 –

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## I. Record of Changes

Date	A*M, D	In charge	Change Description
09/10/2022	A*	DangHH	Create new
28/11/2022	M*	ThanhNPN	Update [SCH] Test Case - v1.5.xlsx

\*A - Added M - Modified D - Deleted

## II. Testing Documentation

### 1. Scope of Testing

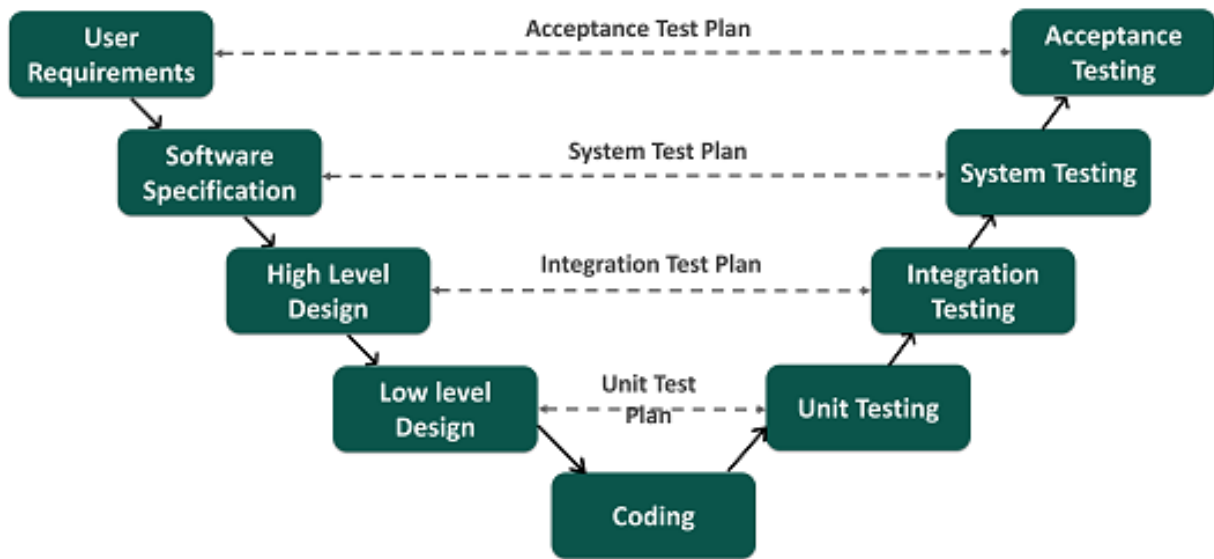
In the scope of the project, there are 3 testing phases: Unit testing, Integration testing, and System testing.

No.	Test stages	Description	Implementer
1	Unit testing	Unit testing is written and executed by developers.	Developers
2	Integration testing	Integration testing allows a tester to combine several units and test them as a group. We use this testing level to expose faults in the interaction between integrated components. It is advantageous to evaluate how efficiently the units are running together.	Testers
3	System testing	System testing is the level of testing in which the complete application is tested as a whole. The goal is to evaluate the system's compliance with its specified requirements.	Testers, Technical Leader
4	Acceptance testing	In this stage, customers verify if the system meets their actual needs.	Customer, BA

**Table 1: Scope of Testing**

## 2. Test Strategy

### 2.1 Testing Types



**Figure 1: Test model**

The V-model is an extension of the waterfall model. V model Testing is done in parallel to development. It is also called a Validation and Verification Model.

Advantage:

- Simple and easy to use.
- Testing activities like planning, test designing happens before coding. Consequently, we can avoid several defects in the system.
- Works well for our projects where requirements are easily understood.

### 2.2 Test Levels

Type of Tests	Test Level			
	Unit	Integration	System	Acceptance
Unit Test	X			
Integration Test		X		
System Testing			X	X
Acceptance Testing			X	X

**Table 2: Test Levels**

## 2.3 Supporting Tools

### 2.3.1 Hardware

Purpose	Tool	Vendor/In-house	Detail
Device excuting test	Dell XPS 9550 15inch	Dell	<ul style="list-style-type: none"><li>• CPU: i7 7700HQ 3.6 GHz</li><li>• RAM: 16GB</li><li>• SSD: 512GB + HDD 1TB</li><li>• GPU: GTX 1060 4GB</li></ul>
Device excuting test	Huawei Nova 3i	Huawei	<ul style="list-style-type: none"><li>• CPU: Kirin 710 8</li><li>• RAM: 4GB</li></ul>

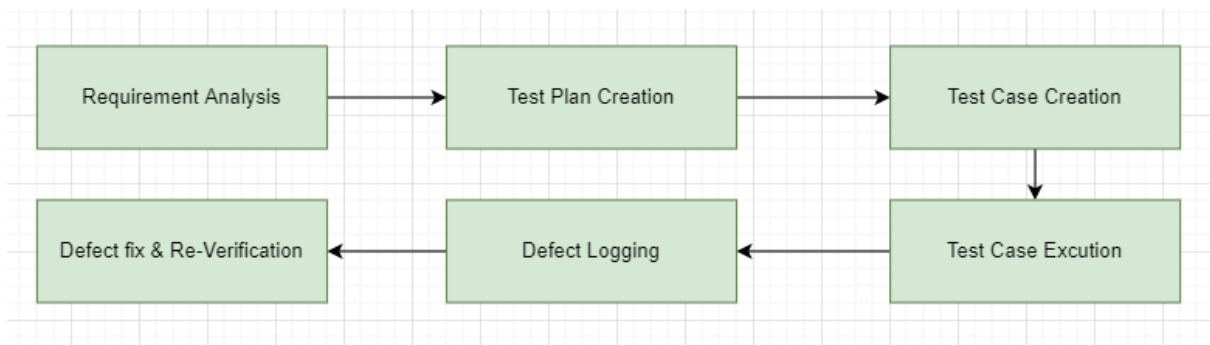
**Table 3: Hardware**

### 2.3.2 Software

Purpose	Tool	Vendor/In-house	Version
Keep tracking detects	Excel	Microsoft	2020.10.1.14395-production
Test plan	Microsoft Word	Microsoft	2016
Test case, Test Report	Microsoft Excel	Microsoft	2016
Test recoverage	Visual Studio code IDE	IBM	4.23.0

**Table 4: Software**

## 2.4 Test Processes



**Figure 2: Test Processes**

## 3. Test Plan

### 3.1 Human Resources

Worker/Doer	Role	Specific Responsibilities/Comments
Diệp Thế Sang	Frontend Developer, Leader	<ul style="list-style-type: none"><li>• Reviewing test case and report.</li></ul>
Hoàng Hải Đăng	FrontEnd Developer, Tester	<ul style="list-style-type: none"><li>• Performing system testing.</li><li>• Managing test resource and assign test tasks.</li><li>• Creating a test plan.</li><li>• Creating test cases.</li><li>• Creating a test report.</li><li>• Executing test and log defect.</li></ul>
Nguyễn Phúc Ngọc Thành	BackEnd Developer	<ul style="list-style-type: none"><li>• Writing and executing unit test.</li><li>• Fixing bugs</li></ul>
Trần Thành Long	FrontEnd Developer	<ul style="list-style-type: none"><li>• Writing and executing unit test.</li><li>• Fixing bugs</li></ul>

**Table 5: Human Resources**



### 3.2 Test Environment

Purpose	Tool	Provider	Version
System Testing	Windows	Microsoft	Window 10
Detect Log Bug	Excel	Microsoft	2016

**Table 6: Test Environment**

### 3.3 Test Milestones

Milestone Task	Start Date	End Date
<i>Iteration 1:</i>	15/11/2022	18/11/2022
Unit Testing	15/11/2022	16/11/2022
Intergration Testing	15/11/2022	16/11/2022
System testing	17/11/2022	18/11/2022
Accepting testing	17/11/2022	18/11/2022
<i>Iteration 2:</i>	22/11/2022	27/11/2022
Unit Testing	22/11/2022	23/11/2022
Intergration Testing	23/11/2022	24/11/2022
System testing	24/11/2022	26/11/2022
Accepting testing	26/11/2022	27/11/2022

**Table 7: Test Milestones**

## 4. Test Cases

### 4.1 Integration and System Test

Detail test cases will be described in [SCH] Test Case - v1.5.xlsx file.

As a standard definition, SPCS defines that a test case is:

- A set of test data and their expected results. A test case validates one or more system requirements and generates a pass or fail.
- A good test case should follow two basic aspects, the Contents and the Style. Test cases for functional testing are derived from the target of test's use cases Test cases should be developed for each use case scenario. The use case scenarios are identified by describing the paths through the use case that traverse the basic flow and alternate flows start to finish through the use case.

Module Code	Log in			
Test requirement	Test function relate to log in			
Tester	DangHH			
Pass	Fail	Untested	N/A	Number of Test cases
13	0	0	0	13

ID	Test Case Description	Test Case Procedure	Expected Output	Inter-test case Dependence	Result	Test date	Note
Function log in							
[Log in-]	Test viewing "Log in" form	1. Click on "Đăng nhập" item in account dropdown	1. Display log in form with "Đăng nhập" button, "Facebook" and "Google" button and fields to enter information		Pass	24/11/2022	
[Log in-1]	Log in with a Google account which is existed in database	1. Click on "Đăng nhập" item in account dropdown 2. Click on "Google" button	1. Display log in form with "Đăng nhập" button, "Facebook" and "Google" button and fields to enter information 2. Log in with Google successfully.		Pass	24/11/2022	
[Log in-2]	Log in with a Google account which is not existed in database	1. Click on "Đăng nhập" button in Homepage 2. Click on "Google" button 3. Choose an account	1. Display log in form with "Đăng nhập" button, "Facebook" and "Google" button and fields to enter information 2. Display Google screen to choose an account		Pass	24/11/2022	
[Log in-3]	Log in with a Facebook account which is existed in database	1. Click on "Đăng nhập" item in account dropdown 2. Click on "Facebook" button	1. Display log in form with "Đăng nhập" button, "Facebook" and "Google" button and fields to enter information 2. Log in with Facebook successfully. Redirect to Homepage		Pass	24/11/2022	
[Log in-4]	Log in with a Facebook account which is not existed in database	1. Click on "Đăng nhập" button in Homepage	1. Display log in form with "Đăng nhập" button, "Facebook" and a		Pass	24/11/2022	

Register
Log in
Log out
Forgot password
Search Product by Name
View products
Filter product by categor ...

**Table 8: Integration and System Test**

## 5. Detect Log:

Excel is used to manage bugs, more details: [SCH] Integration and System Bug Log.xlsx

Processes:

- During the testing process, when a bug is found, testers access Defect Log file to log it. The bug must be described as detailed as possible with screenshots. The issue is then assigned to a developer, who is in charge of developing that module.
- Assigned developer checks out the issue in Defect Log file and fixes it. Once the bug is resolved, the assigned developer changes the issue status to “DONE” and assigns it to a tester, whose responsibility is to check the bug again.
- Tester will then verify if the bug is completely resolved. If the bug is fixed, tester will change the status to “DONE”. If the bug is not fixed, tester will change the status to “NOT DONE” and assign it to developer again.

No.	ID	Test Case Description	Test Case Procedure	Expected Output	Result	Test date	Note	Assigned to
1	[Register-1]	Check not enter username	1. Not enter username and click on "Đăng ký" button	1. Display message "Vui lòng nhập tên đăng nhập"	Fail	15/11/2022		DangHH
2	[Register-2]	Check not enter display name	1. Not enter display name and click on "Đăng ký" button	1. Display message "Vui lòng nhập tên hiển thị"	Fail	15/11/2022		DangHH
3	[Register-3]	Check not enter phone number	1. Not enter phone number and click on "Giữ mã" button	1. Display message "Vui lòng nhập số điện thoại"	Fail	15/11/2022		DangHH
4	[Register-4]	Check not enter verification code	1. Not enter verification code and click on "Đăng ký" button	1. Display message "Vui lòng nhập mã xác thực"	Fail	15/11/2022		DangHH
5	[Register-5]	Check not enter password	1. Not enter password in text field "Mật khẩu"	1. Display message "Vui lòng nhập mật khẩu"	Fail	15/11/2022		DangHH
6	[Register-6]	Check not re-enter password	1. Not re-enter password in text field "Nhập lại mật khẩu"	1. Display message "Vui lòng nhập lại mật khẩu"	Fail	15/11/2022		DangHH
7	[Register-7]	Check username has at least 6 characters	1. Enter username with less than 6 characters	1. Display message "Tên đăng nhập phải chứa ít nhất 6 kí tự và là chữ, số hoặc kí tự gạch dưới."	Fail	15/11/2022		DangHH
8	[Register-8]	Check not choose a role	1. Not choose role and click on "Đăng ký" button	1. Display message "Vui lòng chọn vai trò"	Fail	15/11/2022		DangHH
9	[Register-9]	Check account already exists when register with username	1. Enter username and click on "Đăng ký" button	1. Display message "Tên đăng nhập đã được sử dụng"	Fail	15/11/2022		DangHH
10	[Register-10]	Check invalid password	1. Input invalid password	1. Display message "Mật khẩu phải chứa tối thiểu 6 kí tự, bao gồm chữ thường, chữ hoa, chữ	Fail	15/11/2022		DangHH

**Table 9: Detect Log**

## 6. Test Reports

### 6.1 Unit Test Report 1

Module	Class	Method	Status	Date	Done By
AccountController	AccountController	getCurrentAccountInformation()	OK	22/03/2022	SangDT
AccountController	AccountController	inactiveAccount(accountIds)	OK	22/03/2022	SangDT
AccountController	AccountController	getActiveAccount()	OK	22/03/2022	SangDT
AccountController	AccountController	getProducts()	OK	22/03/2022	SangDT
AccountEntity	Account	addPost(subject)	OK	22/03/2022	SangDT
AccountEntity	Account	removePost(subject)	OK	22/03/2022	SangDT
AccountEntity	Account	addCategory(category)	OK	22/03/2022	SangDT
AccountEntity	Account	removeCategory(category)	OK	22/03/2022	SangDT

AccountEntity	Account	removeAuction(auctions)	OK	22/03/2022	SangDT
AccountService	AccountService	create(request)	OK	22/03/2022	SangDT
AccountService	AccountService	importRegister(file)	OK	22/03/2022	SangDT
AccountService	AccountService	generateEmail(name)	OK	22/03/2022	SangDT
AccountService	AccountService	generateShortName(name)	OK	22/03/2022	SangDT
AccountService	AccountService	removeAccent(string)	OK	22/03/2022	SangDT
AccountService	AccountService	String generateRandomString()	OK	22/03/2022	SangDT
AccountService	AccountService	generateAccountId(khoa, roleId)	OK	22/03/2022	SangDT
AccountService	AccountService	generateNumberId(searchCode)	OK	22/03/2022	SangDT
AccountService	AccountService	findLastAccountId(id)	OK	22/03/2022	SangDT
AccountService	AccountService	findById(id)	OK	22/03/2022	SangDT
AccountService	AccountService	delete(id)	OK	22/03/2022	SangDT
AccountService	AccountService	changePassword(request)	OK	22/03/2022	SangDT
AccountService	AccountService	getCurrentAccount()	OK	22/03/2022	SangDT
AccountService	AccountService	setupVerifyToken(email)	OK	22/03/2022	SangDT
AccountService	AccountService	updatePassword(request)	OK	22/03/2022	SangDT
AccountService	AccountService	verifyToken(email, token)	OK	22/03/2022	SangDT
AccountService	AccountService	inactiveAccount(accountIds)	OK	22/03/2022	SangDT

AccountService	AccountService	getActiveAccounts()	OK	22/03/2022	SangDT
AccountService	AccountService	getUser()	OK	22/03/2022	SangDT
AccountService	AccountService	getProducts()	OK	22/03/2022	SangDT
AccountRepository	AccountRepository	findByEmail(email)	OK	22/03/2022	SangDT
AccountRepository	AccountRepository	findTop1ByEmailIgnoreCaseContains(email,sort)	OK	22/03/2022	SangDT
AccountRepository	AccountRepository	findTop1ByIdIgnoreCaseContains(id, sort)	OK	22/03/2022	SangDT
AccountRepository	AccountRepository	findByIsActive(isActive)	OK	22/03/2022	SangDT
AppController	AppController	success()	OK	24/03/2022	ThanhNPN
AppController	AppController	register (request)	OK	24/03/2022	ThanhNPN
AppController	AppController	changePassword (request)	OK	24/03/2022	ThanhNPN
AppController	AppController	importRegister (file)	OK	24/03/2022	ThanhNPN
AppController	AppController	getTotal()	OK	24/03/2022	ThanhNPN
AuctionLogController	AuctionLogController	takeAuction(request)	OK	24/03/2022	ThanhNPN
AuctionLogController	AuctionLogController	takeAuction(requests)	OK	24/03/2022	ThanhNPN
AuctionLogController	AuctionLogController	getByCartId(cartId)	OK	24/03/2022	ThanhNPN
AuctionLogRepository	AuctionLogRepository	findByCartId(cartId)	OK	24/03/2022	ThanhNPN

AuctionLogRepository	AuctionLogRepository	deleteByCartId(cartId)	OK	24/03/2022	ThanhNPN
AuctionLogRepository	AuctionLogRepository	findByCartIdAndProductId(cartId, ProductId)	OK	24/03/2022	ThanhNPN
AuctionLogRepository	AuctionLogRepository	countByCartId(cartId)	OK	24/03/2022	ThanhNPN
AuctionLogService	AuctionLogService	getLogByCartId(cartId)	OK	24/03/2022	ThanhNPN
AuctionLogService	AuctionLogService	importProductIntoCartLog(cartId, auctionId, description)	OK	24/03/2022	ThanhNPN
AuctionLogService	AuctionLogService	deleteLogByCartId(cartId)	OK	24/03/2022	ThanhNPN
AuctionLogService	AuctionLogService	takeAuction(ProductId, cartId, status, description)	OK	24/03/2022	ThanhNPN
AuctionLogService	AuctionLogService	getByCartIdAndProductId(ProductId, cartId)	OK	24/03/2022	ThanhNPN
AuctionLogService	AuctionLogService	updateLog(request)	OK	24/03/2022	ThanhNPN
AuctionController	AuctionController	getAll()	OK	25/03/2022	DangHH
AuctionController	AuctionController	getById(id)	OK	25/03/2022	DangHH
AuctionController	AuctionController	addAuction(request)	OK	25/03/2022	DangHH
AuctionController	AuctionController	addProduct(request)	OK	25/03/2022	DangHH
AuctionController	AuctionController	addCourseForAuction(request)	OK	25/03/2022	DangHH
AuctionController	AuctionController	deleteCourseOutAuction(auctionId, subjectId)	OK	25/03/2022	DangHH
AuctionController	AuctionController	deleteProductOutAuction(auctionId, accountId)	OK	25/03/2022	DangHH

AuctionController	AuctionController	getOnGoing ()	OK	25/03/2022	DangHH
AuctionController	AuctionController	convertToLocalDateTimeViaInstant(dateToConvert)	OK	25/03/2022	DangHH
AuctionController	AuctionController	convertToDateViaInstant(dateToConvert)	OK	25/03/2022	DangHH
AuctionEntity	Auction	addProduct(manager)	OK	25/03/2022	DangHH
AuctionEntity	Auction	removeProduct(Product)	OK	25/03/2022	DangHH
AuctionEntity	Auction	addCategory(category)	OK	25/03/2022	DangHH
AuctionEntity	Auction	removeCategory(category)	OK	25/03/2022	DangHH
AuctionService	AuctionService	getById(auctionId)	OK	25/03/2022	DangHH
AuctionService	AuctionService	create(request)	OK	25/03/2022	DangHH
AuctionService	AuctionService	addProduct(request)	OK	25/03/2022	DangHH
AuctionService	AuctionService	generateNumberId(searchCode)	OK	25/03/2022	DangHH
AuctionService	AuctionService	findLastAuctionId(id)	OK	25/03/2022	DangHH
AuctionService	AuctionService	findById(auctionId)	OK	25/03/2022	DangHH
AuctionService	AuctionService	getAll()	OK	25/03/2022	DangHH
AuctionService	AuctionService	addCourse(request)	OK	25/03/2022	DangHH
ProfileController	ProfileController	getProfile()	OK	25/03/2022	DangHH
ProfileController	ProfileController	getById(id)	OK	25/03/2022	DangHH

ProfileController	ProfileController	update accountId, request)	OK	25/03/2022	DangHH
CategoryController	CategoryController	getOnGoingCategory()	OK	25/03/2022	DangHH
CategoryController	CategoryController	getUpcomingCategory()	OK	25/03/2022	DangHH
CategoryController	CategoryController	create request)	OK	25/03/2022	DangHH
CategoryController	CategoryController	update cartId, request)	OK	25/03/2022	DangHH
CategoryController	CategoryController	importCategory(request)	OK	25/03/2022	DangHH
CategoryController	CategoryController	getCategoryByAccountId( (accountId)	OK	25/03/2022	DangHH
CategoryController	CategoryController	getCategoryById(@Id)	OK	25/03/2022	DangHH
CategoryController	CategoryController	delete(id)	OK	25/03/2022	DangHH
CategoryService	CategoryService	create(request)	OK	25/03/2022	DangHH
CategoryService	CategoryService	update(cartId, request)	OK	25/03/2022	DangHH
CategoryService	CategoryService	getGoingOnCategory()	OK	25/03/2022	DangHH
CategoryService	CategoryService	getUpcomingCategory()	OK	25/03/2022	DangHH
CategoryService	CategoryService	importCategory(request)	OK	25/03/2022	DangHH
CategoryService	CategoryService	convertToLocalDateTimeViaInstant(dateToConvert)	OK	25/03/2022	DangHH
CategoryService	CategoryService	convertToDateViaInstant(LocalDateTime dateToConvert)	OK	25/03/2022	DangHH
CategoryService	CategoryService	getByAccountId(accountId)	OK	25/03/2022	DangHH



CategoryService	CategoryService	getByAuctionId(auctionId)	OK	25/03/2022	DangHH
CategoryService	CategoryService	delete(id)	OK	25/03/2022	DangHH
SpecializationController	SpecializationController	getAll()	OK	25/03/2022	LongTT
SpecializationController	SpecializationController	getById(id)	OK	25/03/2022	LongTT
SpecializationController	SpecializationController	create(request)	OK	25/03/2022	LongTT
SpecializationController	SpecializationController	update(request)	OK	25/03/2022	LongTT
SpecializationEntity	Specialization	addPost(subject)	OK	25/03/2022	LongTT
SpecializationEntity	Specialization	removePost(subject)	OK	25/03/2022	LongTT
SpecializationService	SpecializationService	findById(id)	OK	25/03/2022	LongTT
SpecializationService	SpecializationService	getNameCode(id)	OK	25/03/2022	LongTT
SpecializationService	SpecializationService	create(request,Post)	OK	25/03/2022	LongTT
SpecializationService	SpecializationService	update(request, Post)	OK	25/03/2022	LongTT
SpecializationService	SpecializationService	delete(id)	OK	25/03/2022	LongTT
SpecializationService	SpecializationService	findByName(name)	OK	25/03/2022	LongTT
SpecializationService	SpecializationService	getAll()	OK	25/03/2022	LongTT

SpecializationService	SpecializationService	getById(id)	OK	25/03/2022	LongTT
SubjectController	SubjectController	getAll()	OK	25/03/2022	LongTT
SubjectController	SubjectController	getById(id)	OK	25/03/2022	LongTT
SubjectController	SubjectController	create(request)	OK	25/03/2022	LongTT
SubjectController	SubjectController	update(subjectId, request)	OK	25/03/2022	LongTT
SubjectController	PostController	delete(postId)	OK	25/03/2022	LongTT
PostEntity	Post	addCategory(category)	OK	25/03/2022	LongTT
PostEntity	Post	removeCategory(category)	OK	25/03/2022	LongTT
PostEntity	Post	addSpec(specialization)	OK	25/03/2022	LongTT
PostEntity	Post	removeSpec(specialization)	OK	25/03/2022	LongTT
PostEntity	Post	addManager(manager)	OK	25/03/2022	LongTT
PostEntity	Post	removeManager(manager)	OK	25/03/2022	LongTT
Postservice	Postservice	create(request)	OK	25/03/2022	LongTT
Postservice	Postservice	findById(postId)	OK	25/03/2022	LongTT
Postservice	Postservice	getAll()	OK	25/03/2022	LongTT
Postservice	Postservice	update(postId, request)	OK	25/03/2022	LongTT
Postservice	Postservice	delete(postId)	OK	25/03/2022	LongTT
Postservice	Postservice	save(post)	OK	25/03/2022	LongTT

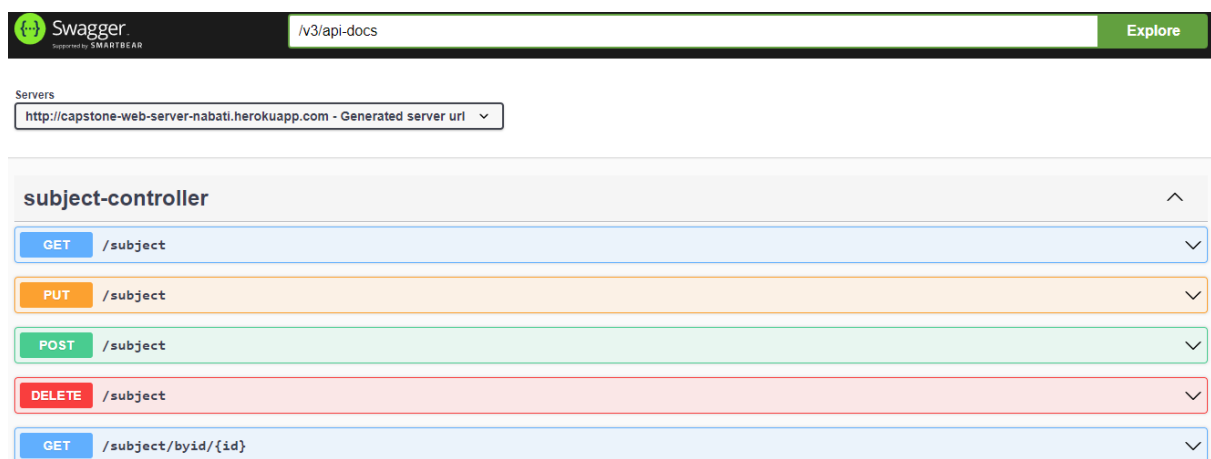
Total Test Case	126	OK
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**Table 10: Unit Test Report 1**

## 6.2 API Testing

### 6.2.1 Framework And Tool: Open API

**Open API Specification** (formerly known as Swagger Specification) is an open-source format for describing and documenting APIs. The Specification was originally developed in 2010 by Reverb Technologies (formerly Wordnik) as a way to keep the API design and documentation in sync. It has since become a de-facto standard for designing and describing RESTful APIs, and is used by millions of developers and organizations for developing their APIs, be it internal or client facing.



**Table 11: Open API UI**

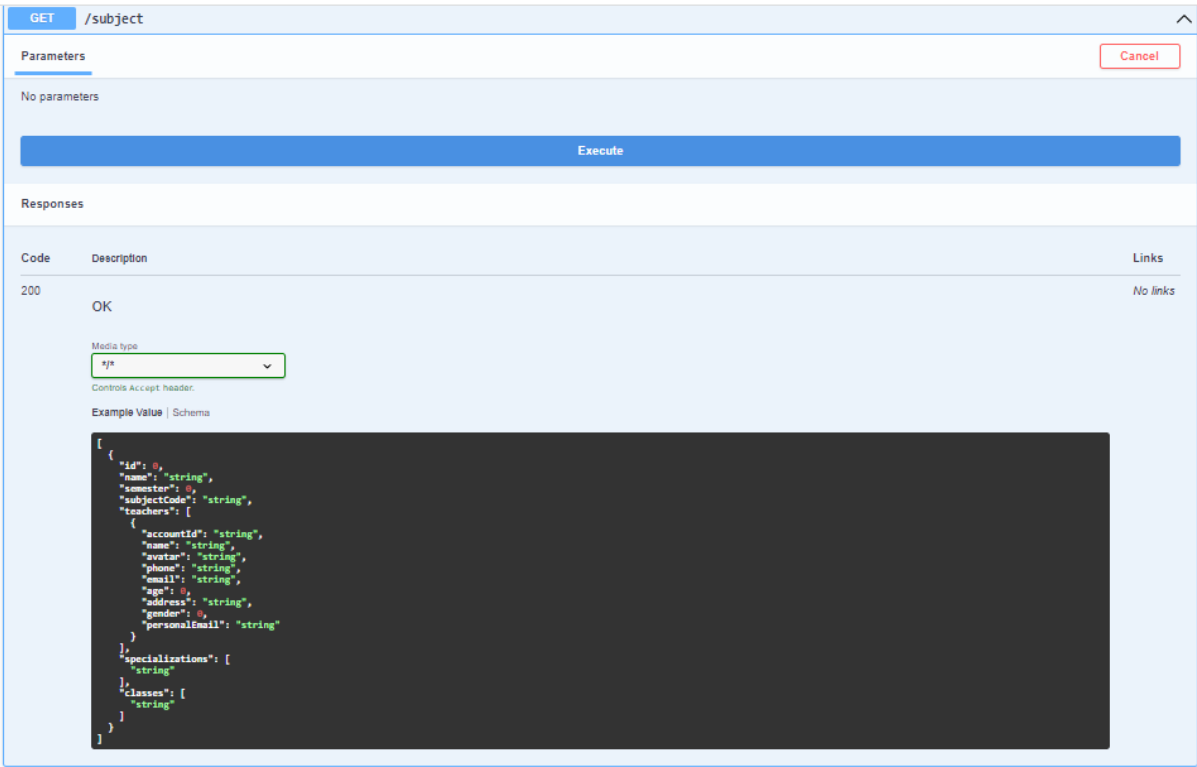


Table 12: Open API Reques UI

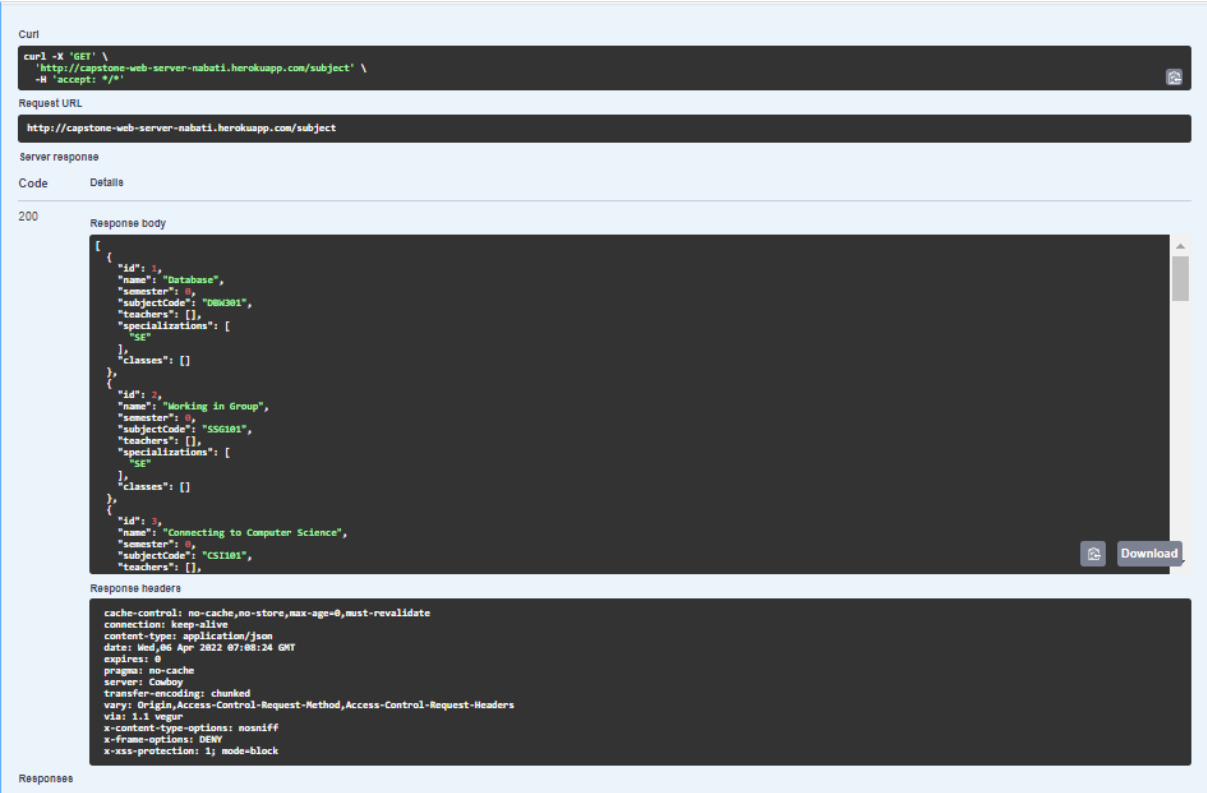


Figure 3: Open API Responses UI

## 6.3 System Test Case Reports

TEST STATISTICS				
Project Name	<Project Name>	Creator		
Project Code	<Project Code>	Reviewer / Approver		
Document Code	<Project Code>_Test Report_vx.x	Issue Date		<Date when this test report is created>
Notes	<List modules included in this release> ex: Release 1 includes 2 modules: Module1 and Module2			

No	Module code	Passed	Failed	Pending	N/A	Number of test cases
1	Teacher Management	18	0	0	0	18
2	Manager Management	24	1	0	0	24
3	Student Management	13	0	0	0	13
4	Testing API	37	4	0	0	41
Sub total		92	1	0	0	96

Test coverage	96.88 %
Test successful coverage	95.83 %

Figure 4: Intergration System Test Report

Feature	Manager Management			
Test	Testing Action Of Manager User			
Number of TCs	25			
Testing Round	Passed	Failed	Pending	N/A
Round 1	25	0	0	0
Round 2	25	0	0	0
Round 3	25	0	0	0

Test Case ID	Test Case Description	Test Case Procedure	Expected Results	Pre-conditions	Round 1	Test date	Tested	Round 2	Test date	Tested	Round 3	Test date	Tested	Note
LogIn														
(ID1)	Login the system with Manager Role	1. Login the system with Manager Role.	This system will navigate to Dashboard Screen as Default	Login successfully	Passed	Mar-01-2022		Pending			Pending			
Viewing Information														
(ID2)	Test viewing Dashboard	1. Login the system with Manager Role	This system will navigate to Dashboard Screen as Default -The Dashboard Screen is played with these information: • Overview • Students: Number of Students • Teachers: Number of Teachers • Classes: Number of Classes • On-going classes: • Room • Class • Lecture • Subject • Calendar: Showing Date of Login Time • Recently Dales (List of account are using All Attendance app) • User avatar with green dot • User name	Login successfully	Passed	Mar-01-2022		Pending			Pending			
(ID3)	Test viewing Manage Schedule	1. Login the system with Manager Role	The Manage Scheduler Screen is displayed	Login successfully	Passed	Mar-01-		Pending			Pending			

Figure 5: Intergration System Test Report

<b>Feature</b>	Student Management			
<b>Test requirement</b>	Testing Action Of Student User			
<b>Number of TCs</b>	17			
<b>Testing Round</b>	<i>Passed</i>	<i>Failed</i>	<i>Pending</i>	<i>N/A</i>
<i>Round 1</i>	14	0	0	0
<i>Round 2</i>	14	0	0	0
<i>Round 3</i>	14	0	0	0

Test Case ID	Test Case Description	Test Case Procedure	Expected Results	Pre-conditions	Round 1	Test date	Tester	Round 2	Test date	Tester	Round 3	Test date	Tester
(IDB)	Test viewing Change Student Password Able State	1.Login the system with Student Role 2.Click Profile in Attendance 3.Click Change Password Button in Avatar Box 4.Fill all input fields	The Change Password Screen is displayed with these information: <ul style="list-style-type: none"> <li>Avatar box:</li> <li>Student avatar</li> <li>Student name</li> <li>Student ID</li> <li>Input Fields (All Filling, The outline Color will be displayed)</li> <li>Old Password Fields</li> <li>New Password Fields</li> <li>Confirm New Password Fields</li> <li>Change Password Button (Color will be allowed to Click)</li> </ul>		Passed			Pending			Pending		
(IDB)	Test viewing Attendance Screen	1.Login the system with Student Role 2.Click Attendance in Attendance	The Change Password Screen is displayed with these information: <ul style="list-style-type: none"> <li>Avatar box:</li> <li>Student avatar</li> <li>Student name</li> <li>Student ID</li> <li>On-going Class:</li> <li>List Class is in on-going state</li> <li>Take Attendance Button is able to Click</li> <li>Up-Coming:</li> </ul>		Passed			Pending			Pending		

**Figure 6: Intergration System Test Report**

[Report5 Test Report Version1.0.0.xls](#)