

# **Đặng Phan Minh Phúc – Intern Tester**

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## **OBJECTIVES:**

- Short term: willing to learn new things, gain more knowledge and experience in Software testing, firstly Manual testing.
- Long term: become a professional Tester in both manual and automation.

## **SUMMARY:**

- 3rd year student at Ho Chi Minh City University of Technology (HCMUT).
- Major: Computer Science; GPA: 3.1 (as of early 2024).
- Trained in Manual testing course (12 weeks).
- Participated in several Software testing projects.

## **SKILLS SET:**

- **Testing skills:**
  - Good knowledge of Software development models: Waterfall, V-model, Agile (Scrum).
  - Have knowledge to analyze specification, basic knowledge of UML diagrams.
  - Basic knowledge of Test case design techniques: Black-box (Boundary Value Analysis, Equivalence Partitioning, Decision Table Testing, Use Case Testing), White-box.
  - Experience in Posting bug on Jira/DevOps Azure.
  - Basic knowledge of API testing using Postman, Web/Game/Window/Mobile application testing.
  - Familiar with test management tools: DevOps Azure, Jira, Google Sheet, Excel.
  - Good knowledge in testing level and testing type.
  - Experience in developing test scenario and test case.
  - Basic knowledge of SQL.
- **Software and Technologies:**
  - Database: MySQL Workbench, SQL Server Management Studio, phpMyAdmin, MongoDBCompass.
  - Programming Language: C/C++, Java, Python, PHP, JavaScript.
  - Web: HTML, CSS, JavaScript, ReactJS, NodeJS, Tailwind.
  - Version Control: Git.
  - Other: Trello, Browser inspector, Figma, Github, Visual studio code, Discord.
  - Basic knowledge of Object-oriented programming, Data structures and algorithms, Computer network, Operating system and Database design.
- **Soft skills:**
  - English: Speaking, Writing, Listening and Reading skill at basic level.
  - Ability to work independently or in groups.

- Problem solving, Eagerness to learn.
- Ability to work under pressure.
- Knowing how to Q&A well.

#### CERTIFICATIONS:

- Toeic 800: Listening 410, Reading 390 (attach on the last page).
- Jira Fundamentals Badge – link to badge:  
<https://university.atlassian.com/student/award/8rHEXmayDpRUzH4cZa1oKLLP>.
- Microsoft Office Specialist in Excel and PowerPoint (attach on the last page).

#### EXPERIENCES:

##### ❖ Related to Testing:

- **Project: Building a legal document management web application.** *6 weeks*
  - **Description:** The team of about 70 members work together to develop web app that allows the manager to manage legal documents related to advertising in the medical field. The legal documents is granted to health units and people to access and look up information. In this project, the entire team is divided into squads of 6 members and the members choose their role to work (BA – 1, Leader – 1, QC – 1, Developer – 3). Each squad takes on a functionality of the product, implement and test the functionality and report working process and result to the Product owner and the Lecturer.
  - **Duration – Size:** 6 weeks (3 Sprints) – 70 members.
  - **Responsibilities:**
    - Working in Scrum team, joining in Sprint Planning/Review/Retrospective.
    - Taking on QC role (mainly test Manual).
    - Confirming SRS with BA, make additional suggestions.
    - Defining test case base on SRS and mockup of product in Figma.
    - Managing test case using Google Sheet.
    - Preparing test data, executing test on the functionality (on Chrome and Edge).
    - Posting bug on DevOps Azure and verifying bug.
    - Reporting working process and result to the lecturer.
  - **Archivement:** 10/10 (Team score).
  
- **Project: Apply the black-box testing techniques to test Web application** *2 months*
  - **Description:** This is an assignment project that requires student to apply black-box techniques to design test case and test the Web application: Moodle E-learning (<https://moodle.org/demo>).
  - **Duration – Size:** 2 weeks – 4 members.
  - **Responsibilities:**
    - Taking on team leader and summarizing of report.
    - Estimate the number of test cases needed to test each functional requirement.

- Creating test case using 4 techniques: Boundary value analysis, Equivalence partitioning, Decision table testing and Use case testing based on the Web app.
- Managing test case using Google Sheet.
- Preparing test data, cross-reviewing test cases of other member.
- Executing test on the Moodle E-learning and record Pass/Fail result in the sheet.
- **Archievement:** 7.5/10 (Individual score).

- **Project: Building a Crop management IOT system**


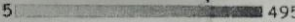
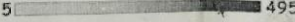
*2 months*

- **Description:** This is a system that allows farmers to remotely monitor environmental information (temperature, light, humidity, moisture) around crops. The system's hardware uses sensors to obtain environmental information and send data to the AdafruitIO server, the Web application retrieves data from the AdafruitIO server and displays it on the screen. The system also has the function of remotely opening and closing the water pump from the Web app. In addition, retrieved data is also saved to the database for later evaluation.
- **Duration – Size:** almost 3 months – 5 members (2 take on hardware and 3 take on software).
- **Responsibilities:**
  - Designing and implementing Front-end, drawing Use-case/Sequence/Activity diagram of the system in the report.
  - Designing test case for each module based on objectives, requirement specifications and diagrams in the report.
  - Managing test case using Google Sheet.
  - Tools/Technologies: Figma, Postman, MongoDBCompass, Google Sheet, Github, Draw.io, AdafruitIO / ReactJS, Tailwind.
- **Archievement:** Not graded yet.

❖ **Related to Web application development:**

Project	Description	Duration – Size	Tools and Technologi es	Responsibilities	Archieve- ment
Building a website to sell online	This is software to sell online. The main features of customer are sign in, sign up, see products list, product detail, add product to cart and order products. There is also an admin role that can add, delete, edit products and view invoice and customer lists.	2 months – 4 members	<ul style="list-style-type: none"> <li>- phpMyAdmin</li> <li>- MySQL Workbench</li> <li>- XAMPP</li> <li>- Github</li> <li>- HTML</li> <li>- JavaScript</li> <li>- CSS</li> <li>- PHP</li> <li>- Draw.io</li> </ul>	<ul style="list-style-type: none"> <li>- Build the source code base using the MVC model.</li> <li>- Take on Fullstack to implement some features of the app.</li> <li>- Design database and create SQL code.</li> <li>- Write deployment instructions.</li> <li>- Draw flowchart for some features.</li> <li>- Demo app and report working process and result to the lecturer.</li> </ul>	Not graded yet
Building a smart printing service website	This is software that provides smart printing services for students on campus. Students can use the app to view available printers, upload files to the system and print remotely, then pay the print bill and receive printed documents. System administrators can view printing statistics, set available printers and file types accepted for upload.	2 months – 6 members	<ul style="list-style-type: none"> <li>- MySQL Workbench</li> <li>- Github</li> <li>- ReactJS</li> <li>- NodeJS</li> <li>- Tailwind</li> </ul>	<ul style="list-style-type: none"> <li>- Take on Fullstack to implement feature of the app.</li> <li>- Report working process and result to the lecturer.</li> </ul>	9/10 (Team score)
Design and implement a database for a coffee shop website and build a management website connect to that database	This is an assignment project that requires student to design, implement a database for a large system and build a website for administrator to manage that system. (The coffee shop is the system chosen by the group)	2 months – 5 members	<ul style="list-style-type: none"> <li>- MySQL Workbench</li> <li>- Github</li> <li>- ReactJS</li> <li>- NodeJS</li> <li>- Tailwind</li> <li>- Draw.io</li> </ul>	<ul style="list-style-type: none"> <li>- Join in designing database and implementing database using MySQL Workbench.</li> <li>- Take on Fullstack to implement feature of the app.</li> <li>- Report working process and result to the lecturer.</li> </ul>	9/10 (Team score)

**ETS TOEIC** LISTENING AND READING OFFICIAL SCORE CERTIFICATE ETS Security Guard

	Dang Phan Minh Phuc		<b>LISTENING</b>		<b>TOTAL SCORE</b>
	Name		Your score <b>410</b>		
	352783324	2003/11/15	5  495		<b>800</b>
	Identification Number	Date of birth (yyyy/mm/dd)	<b>READING</b>		
2022/07/03	2024/07/03	Your score <b>390</b>			
Test Date (yyyy/mm/dd)	Valid Until (yyyy/mm/dd)	5  495			

Official Representatives of ETS: IIG Vietnam, IIG Education Laos, IIG Education Cambodia, IIG Education Myanmar, VN2001

