

**CAPSTONE PROJECT REPORT**

**Report 1 – Project Introduction**

– Thủ Đức, September 14th–

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# I. Project Report

## 1. Status Report

| **#** | **Work Item** | **Status** | **Notes (Work Item in Details)** |
| --- | --- | --- | --- |
| 1 |  | In Progress |  |
| 2 |  | In Progress |  |
| 3 |  | Completed |  |
| 4 |  | Completed |  |

## 2. Team Involvements

| **#** | **Task** | **Member** | **Notes (Task Details, etc.)** |
| --- | --- | --- | --- |
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |
| 4 |  |  |  |

## 3. Issues/Suggestions

| **#** | **Issue** | **Status** | **Notes (Solution, Suggestion, etc.)** |
| --- | --- | --- | --- |
| 1 |  | In Progress |  |
| 2 |  | In Progress |  |
| 3 |  | Completed |  |

# II. Project Introduction

## 1. Overview

### 1.1 Project Information

* Project name: << Test Management System>>
* Project code: <<FA22SE31 >>
* Group name: <<SWP493-GFA22SE25>>
* Software type: <<Web>>

### 1.2 Project Team

#### a. Supervisor

| **Full Name** | **Email** | **Phone Number** | **Title** |
| --- | --- | --- | --- |
| Lại Đức Hùng | HungLD5@fe.edu.vn | 0976710580 | Lecturer |

#### b. Team Members

| **Full Name** | **Email** | **Mobile** | **Role** |
| --- | --- | --- | --- |
| Hoàng Lê Duy | [Duyhlse130146@fpt.edu.vn](mailto:Duyhlse130146@fpt.edu.vn) | 0984801841 | Leader |
| Nguyễn Tiến Khoa | [Khoantse130247@fpt.edu.vn](mailto:Khoantse130247@fpt.edu.vn) | 0335998262 | Member |
| Đỗ Thành Tú | [Tudtse63390@fpt.edu.vn](mailto:Tudtse63390@fpt.edu.vn) | 0963643328 | Member |
| Đoàn Khoa Bảo | [Baodkse140180@fpt.edu.vn](mailto:Baodkse140180@fpt.edu.vn) | 0931335245 | Member |

## 2. Product Background

- In a start- up company, we actually will need a website or programs to manage test case environments, automated tests, defects and project tasks. Some applications include advanced dashboards and detailed tracking of key metrics, allowing for easy tracking of progress and bug management.

- To solve this problem, we built a website which is easy to use. Test management software products simplify the management process by offering a structured approach to the test effort through test case management, collaborative work spaces and reporting tools. Typically, these programs give teams the ability to allocate tests, track test execution and manage distributed teams. As software development projects now often span more than one team or work site, it’s common to be managing several teams within the same project. Organised test management simplifies team management and can increase team productivity throughout the testing process.

## 3. Existing Systems

**- Jira**

**Advantage:**

+ Agile Work Management

+ Organisation Alignment

+Reports and Insights

+DevOps Visibility

+Integrations

**Disadvantages:**

+Challenging Setup

+Missing Communication Tool

+Suite of Products

+Limited Project Management

## 4. Business Opportunity

- Nowadays, there are maybe lots of websites that help us to manage test cases, but they are missing some communication tools and limited in some features and not simply in setup. Therefore, a tool that overcomes their disadvantages is necessary. Our tool is easier to use, to set up and update website 24/24, with now the technology is updated frequently, our website can respond promptly to the needs.

## 5. Software Product Vision

* In the future, our website should keep updating technologies on the website frequently, and support for android / IOS app so people can follow the project on their phone.

## 6. Project Scope & Limitations

### 6.1 Major Features

**6.1.1 Unauthenticated User**

**FE-1:** Resign New Account

**FE-2**: Login

**6.1.2 authenticated User**

**FE-1:** View profile

**FE-2:** Edit profile

**FE-3:** Login with email

**FE-4:** Logout

**6.1.3 Tester**

**FE-1**: Manage Test Case: CRUD with details

**FE-2:** Manage Report: CRUD with details

**FE-3:** View profile

**FE-4:** Login with email

**FE-5:** Logout

**6.1.4 Administration**

**FE-1**: Manage Test Case: CRUD with details

**FE-2:** Manage Report: CRUD with details

**FE-3:** Manage Member: CRUD with details

**FE-4:** Manage Group: CRUD with details

**FE-5:** Manage Test Run: CRUD with details

**FE-6:** Manage Milestone: CRUD with details

**FE-7:** Manage Test Plan: CRUD with details

**FE-8:** View profile

**FE-9:** Login with email

**FE-10:** Logout

**6.1.5 Admin**

**FE-1**: Manage User: CRUD with details

**FE-2:** Manage System: Update Setting System

**FE-3:** View profile

**FE-4:** Login with email

**FE-5:** Logout

### 6.2 Limitations & Exclusions