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**React To Spring**

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**React To Spring  
Iteration/ Master Test Plan**

**Version 1.0**

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Iteration/ Master Test Plan	Date: 05/01/2025
DOC-5	

## Revision History

Date	Version	Description	Author
05/01/2025	1.0	Iteration Test Plan	Team

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## <Iteration/ Master> Test Plan

### 1. Introduction

#### 1.1 Purpose

This document outlines in detail the testing strategy, objectives, schedule, estimates, deliverables, and resources required for testing. It serves as the foundation for testing the Friendly Classroom product, which the testing team must adhere to.

### 2. Target Test Items

The test checklist includes the following functions:

- Create Posts
- Create Comments
- Chatting
- Report Posts
- Notification

### 3. Environmental Needs

#### 3.1 Hardware Requirements

Components	Minimum	Recommended
CPU	x86	x64
RAM	2GB	≥ 4GB
Network	15–30Mbps Latency under 50ms	30–50Mbps Latency under 30ms

#### 3.2 Software in the Test Environment

The following base software elements are required in the test environment for this *Test Plan*.

Software Name	Purpose	Version	Type and Other Notes
Postman	API testing	8 or higher	Desktop Software
Swagger	API testing	3 or higher	Desktop Software

#### 3.3 Productivity and Support Tools

The following tools will be employed to support the test process for this *Test Plan*.

Tool Category or Type	Tool Brand Name	Vendor or In-house	Version
List test cases.	MS Excel	MS	365

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## 4. Responsibilities, Staffing, and Training Needs

### 4.1 People and Roles

This table shows the staffing assumptions for the test effort.

Human Resources		
Role	Minimum Resources Recommended (number of full-time roles allocated)	Specific Responsibilities or Comments
Test Manager	Lê Cao Tuấn Vũ	Provides management oversight. Responsibilities include: <ul style="list-style-type: none"> <li>planning and logistics</li> <li>agree mission</li> <li>identify motivators</li> <li>acquire appropriate resources</li> <li>present management reporting</li> <li>advocate the interests of test</li> <li>evaluate effectiveness of test effort</li> </ul>
Tester	Vũ Thế Vỹ Nguyễn Quốc Tường Vòng Sau Hùng	Implements and executes the tests. Responsibilities include: <ul style="list-style-type: none"> <li>implement tests and test suites</li> <li>execute test suites</li> <li>log results</li> <li>analyze and recover from test failures</li> <li>document incidents</li> </ul>
Test System Administrator	Huỳnh Thị Kim Tuyền	Ensures the test environment and assets are managed and maintained. Responsibilities include: <ul style="list-style-type: none"> <li>administer test management system</li> <li>install and support access to, and recovery of, test environment configurations and test labs</li> </ul>