

# Test Summary Report

## Project: <VTE>

Version : < 1.0 >

Version date : < 14/12/2021 >

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# 1 Introduction

## 1.1 Project Description:

VTE is an underdiagnosed and serious, yet preventable medical condition that can cause disability and death. Patients with risk to develop VTE are supposed to go through a treatment program however that doesn't usually happen since the disease isn't discovered in most cases. That's why a protocol was applied in all hospitals that all patients must undergo risk assessments to check whether they have VTE or not, these assessments are done by the handling doctors. However, all the paperwork and running assessments in sheets and scoring can sometimes be hectic to the doctors to do, and this is where our mobile app comes in.

## 1.2 Objective:

The purpose of the document is:

1. To show status against test and quality targets at the completion of all sprints.
2. To provide stakeholders with risk assessment data, which supports the decision to proceed with the release of the tested version of the application.

This report will:

- Summarise the test approach.
- Summarise what was tested and what was not tested according to plan.
- Outline any additional testing done that was not planned to do (and why).
- Summarise the test results.
- Explain any anomalies, such as moving to another test stage without completing exit criteria.
- Determine whether testing has been satisfactorily completed
- Summarize Issues, Mitigation, Lessons Learnt.

## 2 Test Scope

### 2.1 In Scope:

This is a list with tested functions:

1. Doctor login
2. Create patient profile
3. Admit patient
4. Start assessment
5. Show assessment results
6. Re-assessment
7. Daily number of admitted patients

### 2.2 Out of Scope:

These modules were not tested, as its still in development phase and planned for next release.

1. Notificatios
2. Dashboard functions

### 2.3 Test types and tools:

#### *Test types:*

1. Functional testing
2. UI/UX testing
3. Integration testing
4. System acceptance testing

#### **Tools:**

1. Jira
2. Postman/newman
3. Swagger

### 3 Test Results

#### 3.1 Test Execution Details

Test Cycle#	Timelines	Actual Finish Date	Status	Remarks
Iteration 1	3/10/2021 – 17/10/2021	18/10/2021	Completed	
Iteration 2	19/10/2021 – 2/11/2021	2/11/2021	Completed	
Iteration 3	4/11/2021 – 18/11/2021	18/11/2021	Completed	
Iteration 4	21/11/2021 – 5/12/2021	5/12/2021	Completed	

#### 4.2 Any variance to original Test Plan

1. Iteration 1 was delayed by 1 day. On 18 October instead of 17 October - As it was not given for testing on time. Was supposed to get on 3 October but received on 5 October.

## 4 Quality of Software

### 4.1 Test Coverage and results

#### Snapshot of Manual Test Results

Test Cycles	Total Number of Test Cases	# of Test Cases Executed	# of Test Cases Passed	# of Test Cases Failed
Iteration 1	95	95	90	5
Iteration 2	63	63	54	9
Iteration 3	46	46	42	4
Iteration 4	78	78	76	2
<b>Total # TCs</b>	<b>282</b>	<b>282</b>	<b>262</b>	<b>20</b>

#### Snapshot of API Automation Test Results

Sprint	Total Number of Test Scripts	# of Test Scripts Executed	# of Test Scripts Passed	# of Test Scripts Failed
Iteration 1	23	23	16	7
Iteration 2	14	14	11	3
Iteration 3	0	0	0	0
Iteration 4	0	0	0	0
<b>Total # Test Scripts</b>	<b>37</b>	<b>37</b>	<b>27</b>	<b>10</b>

#### Performance Test Results

NA – No Performance testing was performed.

#### Security Test Results

NA – No Security testing was performed.

## 4.2 Defect Metrics – by Defect Type

Defect in Phase	Severe	High	Medium	Low	Lowest	Total
Iteration 1	0	2	3	5	2	12
Iteration 2	2	3	3	1	3	12
Iteration 3	0	0	1	3	0	4
Iteration 4	0	0	0	2	0	2
<b>Totals</b>	<b>2</b>	<b>5</b>	<b>7</b>	<b>11</b>	<b>5</b>	<b>30</b>

## 4.3 Defect Metrics – by Defect Status

Defect in Phase	Open	Closed	Deferred	Duplicate	Invalid	Total
Iteration 1	0	11	0	0	1	12
Iteration 2	0	12	0	0	0	12
Iteration 3	0	2	0	1	1	4
Iteration 4	0	2	0	0	0	2
<b>Totals</b>	<b>0</b>	<b>27</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>30</b>

## 4.4 Exit Criteria

Criteria	Met/Not Met
All planned test cases have been executed in Execution Tool	Met
All defects found have been recorded in the Defect Management Tool	Met
All Severity High defects have been resolved	Met
Test Summary Report (this document) issued to stakeholders	Met