

# TEST PLAN

## PUSL2020 – RELEASE 1.0

GROUP 77

### *ChangeLog*

Version	Change Date	By	Description
1.0	29/04/2022	Galaketiye Hasan	Initial Write
1.1	30/04/2022	Dedugala Bandara	Image upload requirments

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# 1.Introduction

## 1.1 Overview

The website is to be developed is a traffic accident reporting system for Sri Lankan general public. Clients of this project include, the Road Development Authority (RDA) of Sri Lanka, the Sri Lankan Police and Insurance Companies.

This test plan has been tailored to fulfil the customer requirement by implementing adequate test strategies in different stages of the development.

## 1.2 Scope

### 1.2.1 In Scope

Following requirements have been chosen and will be tested upon the first release of the application.

#### Functional Requirements

ID	Requirement under Test
<b>Reporter User</b>	
RF_1	A guest user should be able to register to the system by providing identity details and login information
RF_2	Should be able log in to the system using their login credentials
RF_3	Should be able to add their vehicle details
RF_4	Should be able to view list of vehicles they have added previously
RF_5	Should be able to report an accident
RF_6	Should be able to manage previously submitted accident reports
RF_7	Should be able to attach images to accident
<b>RDA / Police / Insurance Employee User</b>	
EF_1	Should be able to log in to back-office portal
EF_2	Should be able to view list of reported accidents
EF_3	Should be able to view a single accident in detail
EF_4	Should be able to approve or reject an accident
<b>Police Employee</b>	
EPF_1	Should be able to view graphical representations of approved accidents

Webmaster User	
WF_1	Should be able to log into admin panel
WF_2	Should be able to view list of employee users
WF_3	Should be able to add new employee by institution
WF_4	Should be able to manage and exiting employee

### Non-Functional Requirements

ID	Requirement under Test
Authorization	
AU_1	The reporter dashboard should only be accessible to logged in reporters
AU_2	A reporter should not be able to view another's accident report
AU_3	The back-office dashboard is only accessible to employee users
AU_4	Admin panel is only accessible to webmaster users
AU_5	Uploaded images should only be visible to reported user and relevant employees
Validation	
VAL_1	Web forms must be validated according to data types and format
VAL_2	System should display error messages when a form validation fails with reasoning
Navigation	
NAV_1	Table views should display 10 records per page
NAV_2	Table should be sortable by columns

### 1.2.2 Out of Scope

Requirements listed below will be not tested under current release.

### 1.3 Quality Objectives