

Test Case Specification For Ambulance Arrival Timing

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Revision History

Version	Date	Name	Description
1	11/09/17	Muhib Khan	Initial Document
2	25/10/17	Md Enamul Sumon	Updated test case numbers to eliminate typographical errors

1 Introduction

This document provides the test cases to be carried out for the Ambulance Arrival Timing. Each item to be tested is represented by an individual test case. Each case details the input and expected outputs.

2 Test Cases: Web Application

Test ID	2.1
Title	Correct Sign up
Feature	Sign up to the system website
Objective	Confirm that proper Staff ID, unique username and password is entered
Setup	The website is ready to run on web browser (Mozilla)
Test Data	Sign up information Staff ID = STD100 Username = admin Password = admin5 Confirm password = admin5
Test Actions	1. Start browser 2. Go to the link 3. Enter sign up information
Expected Results	System successfully creates an user and display the log in page

Test ID	2.2
Title	Incorrect Staff ID
Feature	Do not sign up to the system website
Objective	Confirm that invalid Staff ID declines sign up
Setup	The website is ready to run on web browser (Mozilla)
Test Data	Sign up information Staff ID = STD Username = admin Password = admin5 Confirm password = admin5
Test Actions	1. Start browser 2. Go to the link 3. Enter sign up information

Expected Results	System declines the sign up process and ask for retry
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Test ID	2.3
Title	Already existing username
Feature	Do not sign up to the system website
Objective	Confirm that already existing username is denied for sign up
Setup	The website is ready to run on web browser (Mozilla)
Test Data	Sign up information Staff ID = STD100 Username = admin Password = admin5 Confirm password = admin5
Test Actions	1. Start browser 2. Go to the link 3. Enter sign up information
Expected Results	System declines the sign up process and ask for retry

Test ID	2.4
Title	Confirmed password differs from the actual password
Feature	Do not sign up to the system website
Objective	Confirm that different passwords entered in the two password confirmation section
Setup	The website is ready to run on web browser (Mozilla)
Test Data	Sign up information Staff ID = STD100 Username = admin Password = admin5 Confirm password = admin543
Test Actions	1. Start browser 2. Go to the link 3. Enter sign up information
Expected Results	System declines the sign up process and ask for retry

Test ID	2.5
Title	Correct Login
Feature	Login to the system website
Objective	Confirm that proper user id and password yields access to the website as expected
Setup	The website is ready to run on web browser (Mozilla)
Test Data	Login information Username = admin Password = admin5
Test Actions	1. Start browser 2. Go to the link 3. Enter login information
Expected Results	System displays the home page where user can upload file, generate ETA and get a report with the log out feature.

Test ID	2.6
Title	Incorrect Password
Feature	Login to the system website
Objective	Confirm that valid user id with an invalid password denies access to the website without leaving the user stranded.
Setup	The website is ready to run on web browser (Mozilla)
Test Data	Correct username, incorrect password Username = admin Password = password
Test Actions	1. Start browser 2. Go to the link 3. Enter invalid login information
Expected Results	System displays error message with option to try again.

Test ID	2.7
Title	Incorrect Username
Feature	Login to the system website
Objective	Confirm that invalid user id with a valid password denies access to the website without leaving the user stranded.
Setup	The website is ready to run on web browser (Mozilla)

Test Data	Correct username, incorrect password Username = username Password = admin5
Test Actions	1. Start browser 2. Go to the link 3. Enter invalid login information
Expected Results	System displays error message with option to try again.

Test ID	2.8
Title	Select text file
Feature	Uploads a text file to the server
Objective	Confirm that a text file is uploaded
Setup	The website is ready to run on web browser (Mozilla)
Test Data	Correct text file: log.txt
Test Actions	1. Start browser 2. Log in 3. Enter a text file and upload
Expected Results	File successfully uploaded and a summary of uploaded data is generated

Test ID	2.9
Title	Select other file not text file
Feature	Uploads a text file to the server
Objective	Confirm that any other file other than a text file is not uploaded to the server
Setup	The website is ready to run on web browser (Mozilla)
Test Data	Incorrect file format log.dat
Test Actions	1. Start browser 2. Log in 3. Enter a file which is not a text file and upload
Expected Results	File upload unsuccessful

Test ID	2.10
Title	Select text file in correct format
Feature	Read uploaded file to database
Objective	Confirm that the text file is correctly formatted
Setup	The website is ready to run on web browser (Mozilla)
Test Data	Correct file format log.txt
Test Actions	1. Start browser 2. Log in 3. Enter a file which is a text file and upload
Expected Results	File upload and data stored successful

Test ID	2.11
Title	Select text file in incorrect format
Feature	Read uploaded file do not record to database
Objective	Confirm that the incorrect text file format is not recorded to the database
Setup	The website is ready to run on web browser (Mozilla)
Test Data	Incorrect file format log.txt
Test Actions	1. Start browser 2. Log in 3. Enter a file which is a text file but different format data and upload
Expected Results	File upload and data not stored because of incorrect formation

Test ID	2.12
Title	Generate report within the date frame
Feature	Get date frame from user and generate report within the time
Objective	Confirm that a report is generated within the time frame
Setup	The website is ready to run on web browser (Mozilla)
Test Data	Correct report generation
Test Actions	1. Start browser 2. Log in

	3. Select a time frame from the date picker 4. Generate a report within that time
Expected Results	A report is successfully generated within the date frame

Test ID	2.13
Title	Generate ETA for a selected location and time
Feature	Get a location selected by user and time then generate ETA to Austin Hospital
Objective	Confirm that an ETA is generated correctly
Setup	The website is ready to run on web browser (Mozilla)
Test Data	Correct ETA generated
Test Actions	1. Start browser 2. Log in 3. Select a location 4. Select a date 5. Generate an ETA
Expected Results	An ETA is successfully generated

Test ID	2.14
Title	Generate ETA without a location selected
Feature	Get default location and generate ETA
Objective	Confirm that an ETA is generated for the default location Location: not selected Time: Selected
Setup	The website is ready to run on web browser (Mozilla)
Test Data	Correct ETA generated
Test Actions	1. Start browser 2. Log in 3. Select time 4. Generate an ETA
Expected Results	An ETA is successfully generated

Test ID	2.15
Title	Generate ETA without a time selected
Feature	Get current time and generate ETA
Objective	Confirm that and ETA is generated for the current time
Setup	The website is ready to run on web browser (Mozilla)
Test Data	Correct ETA generated Location: Selected Time: Not Selected
Test Actions	1. Start browser 2. Log in 3. Select location 4. Generate an ETA
Expected Results	An ETA is successfully generated