Test Plan

Egypt Tourism

Cégep de la Gaspésie et des Îles

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# Introduction

The prime objective of the document is to make a functional test plan for the developed website i.e., Egypt tourism. The document will discuss about the test items and critical features of the project, and which approach should be used to test the system. Therefore, at the end of the document passing and failing criteria of the system is detailed.

# Test items

The prime purpose of website is to provide information to the user about Egypt as well as always them to upload their images on the platform. Typically, testing items for the project would be considered the same. Thus, as it is a small-scale project, we can consider all the use cases from the use case diagram to be considered as testing items.

# Features to be tested

The next use cases will be tested:

1. Visit the homepage of the website.
2. Upload picture
3. View picture
4. Visit the history page of the website
5. Visit the famous place page
6. Visit the restaurants page
7. Visit the economy page
8. Visit the geography page
9. Try playing the video on the website
10. Change the theme of the website to dark.

# Approach

As it stated, as early the testing is initiated, the quality of developed system is improved. Therefore, in our opinion black box testing approach should be used for ensuring all the aspects of the project are tested. Black box testing is focused on the requirements of the users and the test cases are derived from the use case of the website.

The project includes some static pages and a dynamic page, static pages are used for displaying content on the website and dynamic page uploads pictures in the SQL database and show on the website. The black box testing mainly focuses on the input and

The tester will fill out the different forms in the application and analyze the system outputs. The application will check that all the fields are properly filled and will perform the desire operation. We can use different tools for performing black box testing such as QTP, Selenium, Jmeter and LoadRunner. However, in alliance to our competencies, using Selenium and Junit would be the most appropriate approach for the development.

# Item pass/fail criteria

The website should be said to be passed, all the test cases only and only when it shows the expected behavior as expected in the requirement specification. However, if any failure or fault is detected in the system, due to any abnormal behavior or result, it could be considered as fail criteria.

1. **Github repository link**

https://github.com/chetannarang123/egypt\_tourism