Exp 1

Mini Project

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**Batch:** A4

**Aim:** Defining types of software testing and quality assurance tools for a Travel website.

**Abstract:**

A traveling catalogue that encompasses a diverse range of exotic locations to explore. The web app showcases features like specialities of the location, the budget needed and contacts to the appropriate agencies as well as their reviews. Furthermore, the blog section allows users to publish their own experiences to the web app making it a complete experience.

**Methods of testing:**

1) Unit Testing:

It is the process of ensuring individual components of a piece of software at the code level are functional and work as they were designed to.

2) Integration Testing:

After each unit is thoroughly tested, it is integrated with other units to create modules or components that are designed to perform specific tasks or activities. These are then tested as a group through integration testing to ensure whole segments of an application behave as expected

3) Functional Testing

4) Acceptance Testing

**Tools for testing:**

1) Codeception:

Codeception collects and shares best practices and solutions for testing PHP web applications. With a flexible set of included modules tests are easy to write, easy to use, and easy to maintain.

3) Cucumber:

Cucumber is a framework for creating acceptance tests from specifications. It’s known for its descriptive generated texts that can be read as just plain English.

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