**Algorithm Automate an E-Commerce Web Application:**

**1.** Set up the TestNG configuration (testng.xml) to define the test suite and the test classes to be executed.

**2**. Create the "AppTest" class, which is a TestNG test class that contains a single test method "testApp." This method asserts the "true" value, indicating that the test is always successful.

**3**. Create the "FlipkartTestChrome" class, which contains a series of test methods for testing the Flipkart web application in the Chrome browser.

**4**. Set up the "beforeClass" method with the `@BeforeClass` annotation to initialize the ChromeDriver and open the Flipkart website.

**5**. Set up the "afterClass" method with the `@AfterClass` annotation to close the ChromeDriver after all tests in this class have executed.

**6**. Implement various test methods using the `@Test` annotation to perform different actions on the Flipkart website, such as closing the login popup, scrolling the page, searching for a product, checking image loading, checking screen resolutions, etc.

**7**. Create a "screenshot" method to take screenshots during test execution and save them with appropriate names.

**8.** Repeat steps 3 to 7 for the "FlipkartTestEdge" class, which contains similar test methods for testing the Flipkart website in the Edge browser.

**9.** Define dependencies in the "pom.xml" file, specifying the required TestNG, Selenium, and JUnit versions.

**10.** Run the tests using the TestNG framework, which executes the test methods in both "FlipkartTestChrome" and "FlipkartTestEdge" classes.