

**INTRODUCTION**

Go Daddy is the largest web host on the internet for a reason. i.e, its comprehensive service. Go Daddy is the giant of the web hosting service industry, many times larger than any other domain registrar. They service upwards of 45 million domain names and the number is on the rise.

The purpose of this document is to provide a correct and complete description of the requirements of godaddy.com. The requirements will be shown in the written description to explain various concepts and different types of functionalities with relevant information.

By the use of GoDaddy.com, a person can start his own business or his own website by getting different types of domain names for website or business. Go Daddy is the giant of the web hosting service industry, many times larger than any other domain registrar. They service upwards of 45 million domain names and the number is on the rise.

Go Daddy was said to have had more than 61 million domain names under management, making it the world's largest ICANN accredited registrar. It serves more than 13 million customers and employs more than 4,000 people. The company is known for its celebrity spokespeople, Super Bowl ads and as being an online provider for small businesses. In addition to a postseason college football bowl game, it previously sponsored NASCAR. It has been involved in several controversies related to security and privacy. In addition to domain registration and hosting, Go Daddy also sells e-business related software and services.

Go Daddy hosts, more than 10 million websites around the world and is hyper-focused on delivering fast, reliable and easy to use Web hosting. Go Daddy offers Shared, Dedicated and Virtual Private Servers in addition to a very popular, managed Word Press service, which lets customers focus on content creation, while Go Daddy handles the technical Web hosting details.

**FUNCTIONAL REQUIREMENTS :**

* **F1: Login**

Input: User need to enter a valid email address and password.

Processing: checks the database for matching the email id and password.

Output: If email id and password match from the database, the user will be logged in otherwise it asks for forgot password.

**F1**

* **F2: Sign up**

Input: Users can sign up with Facebook, Google or their email address.

Processing: checks the following constraints:

1.email id should be valid.

2.password must be alphanumeric.

3.password must be of 8-20 characters long.

4.password must contain an upper case and symbol.

Output: If any of the requirements fail. An account will not be created. Otherwise, a new account is created for the user.

**F2**

* **F3: Forgot password**

Input: User need to enter a valid email address which is used during the registration.

Processing: checks the database for matching the email id and sends a link to reset the password.

Output: by the link given in the email, the user can change the password and login with the new password

**F3**

* **F4: Language selection**

Input: The user needs to select the preferred language from the drop-down menu.

Processing: translates all the data on the website into the selected language.

Output: all the data on the website will be shown in the language selected by the user.

**F4**

* **F5: Search domain**

Input: User need to enter a domain name of their wish.

Processing: checks the database for possible extensions and fetches the price of different extensions.

Output: different kinds of plans with their price and validity will be showcased. By this user can find his/her perfect domain name.

**F5**

* **F6: website builder**

Input: User needs to enter the name, and select the theme. And upload the data that need to be stored on the website.

Processing: designs the webpage as per the user's selection.

Output: displays the webpage as per the requirements of the user.

**F6**

* **F7: Word press**

Input: User need to select the plan as per the requirements

Processing: checks the database for different plans.

Output: takes to the cart as per the user selection.

**F7**

* **F8: Hire a Go Daddy pro**

Input: The user needs to select the professionals from the list shown.

Processing: checks the database for different professional designers and their charges.

Output: Displays the information about the professional designers and the fee taken by them.

**F8**

* **F9: Site management tools**

Input: User needs to select the website and select the tools from the given options.

Processing: checks the database for tools.

Output: The user will be able to alter or modify his website using the tools provided.

**F9**

* **F10: Web hosting**

Input: User need to select the plan as per the requirements

Processing: processes the info selected by the user and takes it to the payment page.

Output: The user can now use the space provided on the server.

**F10**

* **F11: Web Security**

Input: User need to select the certificate and the no.of websites to be protected

Processing: checks the database for different certificates and plans.

Output: after selection, it will take the user to the payment page. after payment his website will be protected by the officials of Go Daddy.

**F11**

* **F12: Email Marketing:**

Input: The user needs to select the plan from the list provided.

Processing: checks the database for different plans and their prices. And takes to the payment page.

Output: after payment user can send business emails to his customers with professional templates and designs.

**F12**

* **F13: Professional Email**

Input: User need to select the different plans as per the storage needed

Processing: checks the database for different plans with their storage and pricing. And takes to the payment page.

Output: after payment user can use his professional email.

**F13**

* **F14: Promos**

Input: The user needs to select the deal from the list shown.

Processing: checks the database for different deals with their prices. And takes to the payment page.

Output: after payment user can get all the benefits of the deal selected.

**F14**

* **F15: Contact us**

Input: User needs to select the call us option under the contact us.

Processing: checks the global directory for the numbers of different countries.

Output: displays the helpline numbers of different countries.

**F15**

* **F16: Blog**

Input: The user needs to select the blog menu.

Processing: checks the database for the data.

Output: Displays the articles by the product. And the articles by customers.

**F16**

* **F17: Chat with us**

Input: User needs to select the chat with us option and should select the nature of the inquiry.

Processing: checks the database for the experts in the selected field and assigns it to the user.

Output: The user can chat with the executive assigned and can solve his problem.

**F17**

* **F18: Filter**

Input: User need to select the parameters to filter

Processing: applies the constraints as selected by the user and retrieves the data

Output: The filtered list will be displayed.

**F18**

* **F19: Payment**

Input: User needs to select different payment options.

e.g. credit card, debit card, wallets, etc.

Processing: takes to the payment gateway and verification process is done

Output: if verification fails then payment will get failed otherwise payment will be successful.

**F19**

* **F20: Cart**

Input: The user needs to add the items of his wish into the cart.

Processing: checks the database for prices of each item and adds taxes.

Output: all details of the pricing of each item will be displayed and a checkout option will be provided. Users can also add/remove items from his cart.

**F20**

**Non-Functional Requirements**

1. **Security:**

* The system must automatically log out all customers after a period of inactivity. All external communications between the data’s server and the client must be encrypted. All data must be stored and protected.

1. **Reliability:**

* The main pillar of the reliability of the system is the backup of the database which is continuously maintained and updated to reflect the most recent changes.

1. **Availability:**

* The system should be available at all times, meaning the user can access it using a web browser, only restricted by the downtime of the server on which the system runs. In case of a hardware failure or database corruption, a replacement page will be shown. Also in case of a hardware failure or database corruption, backups of the database should be retrieved from the server and saved by the administrator. Then the service will be restarted. It means 24 X 7 availability.

1. **Maintainability:**

* The system should be maintainable and time and then should be updated. Also, the software design is being done with

modularity in mind so that maintainability can be done efficiently.

1. **Portability:**

* The software should run in any version of Microsoft windows or mac os.

1. **Accessibility:**

* The system will be a web-based application it is going to be accessible on the web browser.

1. **Back up :**

* Taking a backup in the system database. In order to enable the administrator and the user to access the data from our system.

1. **Testability:**

* The system should be able to be tested to confirm the performance and client specifications.

1. **Performance:**

* The product shall be based on the web and has to be run from a web server. The product shall take initial load time depending on internet connection strength which also depends on the media from which the product is run. The performance shall depend upon the hardware components of the customer.

1. **Capability:**

* The software should be cable and work without any failure even for many users.

1. **Flexible Service:**

* It should be based on the architecture that will be highly desirable for future extension

**Test Cases:**

**1 Log in**

**Test to Pass**

User need to enter a valid email address. Password must be alphanumeric 8 to 20 characters long with an upper case and symbol.

**Test to Fail**

If any of the above requirement is missing, test case will fail .If no input is provided.

**2 Sign up**

**Test to Pass**

User can sign up with Facebook, Google or their email address. Email address should be valid and password must be alphanumeric 8-20 characters long with an uppercase and symbol.

**Test to Fail**

If any of the above requirement fails, then the test case fails .If no input is provided.

**3 Cart**

**Test to Pass**

the cart should be updated with the item with correct name, image and price. the price should be updated to reflect he correct figure. cart balance should be zero, no items should be displayed in the cart.

**Test to Fail**

If any of the above requirement fails, then the test case fails.

**4 Payment**

**Test to Pass**

Different payment types should all be tested, e.g. Credit Card, Paypal, Bank Transfers, Instalments, etc

**Test to Fail**

If any of the above requirement fails, then the test case fails.

**5 Search form**

**Test to Pass**

Check that the products displayed are related to what was searched for.

**Test to Fail**

If any of the above requirement fails, then the test case fails.

**6 Sorting**

**Test to Pass**

There could be four to five options to select from a drop-down menu. Sorting is usually single-select, i.e. you can sort by one parameter only.

**Test to Fail**

If any of the above requirement fails, then the test case fails.

**7 Filtering**

**Test to Pass**

Unlike sort option, filter options are multi-select, that is you can filter by multiple parameters. It is a good idea to explore single filters and multi-filter options

**Test to Fail**

If any of the above requirement fails, then the test case fails.

**8 Post purchase**

**Test to Pass**

Changes to the account, such as billing address, shipping address, change password, change profile information such as name, email address and even deleting an account.

Cancel the order or change the quantity of the order.

Review your recent order and history of purchased items.

**Test to Fail**

If any of the above requirement fails, then the test case fails.

**9 Helpline**

**Test to Pass**

Contact details should valid .24\*7 availability

**Test to Fail**

If any of the above requirement fails, then the test case fails.

**10 Hire a godaddy pro**

**Test to Pass**

There could be a number of professionals available. User should select from the options.

**Test to Fail**

If any of the above requirement fails, then the test case fails.

**11 Site management tools**

**Test to Pass**

User needs to select the website and select the tools from the given options menu

**Test to Fail**

If any of the above requirement fails, then the test case fails.

**12 Email Marketing**

**Test to Pass**

User need to select the plan from the list provided.

**Test to Fail**

If any of the above requirement fails, then the test case fails.