

## Goddy - software requirement specification srs

Software Engineering (Lovely Professional University)

# Software Requirements Specification Godaddy.com

# Prepared for Sudhanshu Prakash Tiwari by Pramod Kumar

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## 1. Introduction

Go Daddy is the largest web host on the internet for a reason: competent, comprehensive service. GoDaddy 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.

1.1. Purpose The purpose of this document is to provide 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.

## 1.2. Scope

By the use of goDaddy.com, a person can start his own business or his own website by getting different types of domain name 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.

## 1.4 Refrences

www.google.co.in

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DIGITAL IDENTITY: GoDaddy's Digital Identity products help business

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- 2.4. Milestone and Timeline
- 2.5. Media Kit and Assets

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## Design

Design phase deals with transforming the requirements, as described in the SRS document, into a form that is implemented using a programming language. The various designs of this system are shown as following:

## **Data Flow Diagram:**

Data Flow diagram is a graphical representation of flow of data throughout the information system. Data flow diagrams illustrate how data is processed by a system in terms of inputs and outputs.

## Title: Godaddy.com Project DFD Data Flow Diagram

Description: The main aim of providing Godaddy.com DFD Data Flow Diagrams is to explain how design phases important in SDLC process while developing any web application software project. The below Context Level (0th Level) Diagram for shopping cart system explains about Administrator and user's data input stages, data output stages, data storage, UI Screen, reports: Godaddy's admin features and data flow diagrams with first Level of DFD Diagram below: The below login dataflow diagram provides login form names, user and admin login details, verification details, check user and login master information and finally User home page redirection details.

Administrator Data flow diagrams for the second level of managing orders from users selected products below:

The below attached DFD diagram for the second level of processing for managing orders over admin functionality:

The below added DFD for user features while selecting items, making payments and ordering new products:

The below diagram for new user registration in the web application, this explains how user data verification and validation:

**Entity Relationship Diagram:** 

An entity relationship diagram (ERD) shows the relationships of entity sets stored in a database.

An entity in this context is a component of data. In other words, ER diagrams illustrate the

logical structure of databases.

Title: ER Diagram for Godaddy.com

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**Testing** 

**Test Case** 

A test case, in software engineering, is a set of conditions under which a tester will determine

whether an application, software system or one of its features is working as it was originally

established for it to do. The mechanism for determining whether a software program or system

has passed or failed such a test is known as a test oracle. In some settings, an oracle could be a

requirement or use case, while in others it could be a heuristic. It may take many test cases to

determine that a software program or system is considered sufficiently scrutinized to be released.

Test cases are often referred to as test scripts, particularly when written - when they are usually

collected into test suites.

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.

## **User Interface**

- 1 Home Page
- 2 Sign up page
- 2 Log in page
- 3 help and support page

## **Conclusion**



This report showed SDLC (software development life cycle) from requirement analysis to design and testing. In this report we showed the life cycle of godaddy.com which is a domain issuing and maintenance company.

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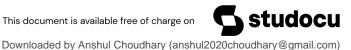
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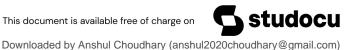
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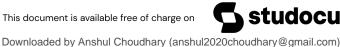
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**Test to Fail** 

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.

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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.

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#### **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.

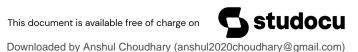
#### **Test to Fail**

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.

## **User Interface**

- 1 Home Page
- 2 Sign up page
- 2 Log in page

## 3 help and support page

## **Conclusion**

This report showed SDLC (software development life cycle) from requirement analysis to design and testing . In this report we showed the life cycle of godaddy.com which is a domain issuing and maintenance company.