**GudSpot**

Master Test Plan

Version 1.0

Revision History

| **Date** | **Version** | **Description** | **Author** |
| --- | --- | --- | --- |
| 14/01/2021 | 1.0 | First version of Test plan | Khôi |
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**Master Test Plan**

# Introduction

## Purpose

This document provides the scope of the overall test effort and provides a record of the test planning process of GudSpot. It is intended to capture and convey the significant testing decisions which have been made on Gudspot.

## Objectives

All the tests have been made on GudSpot was put out in order to achieve these objectives:

* Satisfy the requirements of the customers
* Make sure that all the functions in GudSpot working probably
* Bugs/issues are identified and fixed before go live

# Target Test Items

## Use case

All of the use cases inside Use Case Specification document are tested.

## Functional requirements

API testing

## Non-functional requirements

Performance

Reliability

Consistency

# Environmental Needs

## Hardware Requirements

Gudspot can run on any smartphone or computer as long as the device that the user uses can run some Internet Browser.

## Software in the Test Environment

The following base software elements are required in the test environment for this *Test Plan*.

| **Software Name** | **Purpose** | **Version** | **Type and Other Notes** |
| --- | --- | --- | --- |
| Firefox | Checking performance with the software |  | Internet Browser |
| Chrome | Checking performance with the software |  | Internet Browser |
| Microsoft Edge | Checking performance with the software |  | Internet Browser |
| Android | Checking compatibility with the system |  | Operating System |
| Windows 7, 64 bit | Checking compatibility with the system |  | Operating System |
| Mac OS X 10.10 | Checking compatibility with the system |  | Operating System |
| IOS 15 | Checking compatibility with the system |  | Operating System |

## Productivity and Support Tools

The following tools will be employed to support the test process for this *Test Plan*.

| **Tool Category or Type** | **Tool Brand Name** | **Vendor or In-house** | **Version** |
| --- | --- | --- | --- |
| API testing tool | Postman | vendor | 9 |

# Responsibilities, Staffing, and Training Needs

## People and Roles

This table shows the staffing assumptions for the test effort.

| **Human Resources** | | |
| --- | --- | --- |
| **Role** | **Minimum Resources Recommended**  **(number of full-time roles allocated)** | **Specific Responsibilities or Comments** |
| Test Manager | 1 | Provides management oversight.  Responsibilities include:   * planning and logistics * agree mission * identify motivators * acquire appropriate resources * present management reporting * advocate the interests of test * evaluate effectiveness of test effort |
| Tester | 1 | Implements and executes the tests.  Responsibilities include:   * implement tests and test suites * execute test suites * log results * analyze and recover from test failures * document incidents |