**GOOGLE**

**Test Plan for New Account Creation**

Prepared for:

**GOOGLE**

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# 1 INTRODUCTION

**Gmail** is a free [email](https://en.wikipedia.org/wiki/Email) service provided by [Google](https://en.wikipedia.org/wiki/Google). As of 2019, it had 1.5 billion active [users](https://en.wikipedia.org/wiki/User_(computing)) worldwide.[[1]](https://en.wikipedia.org/wiki/Gmail#cite_note-Petrova-1) A user typically accesses Gmail in a [web browser](https://en.wikipedia.org/wiki/Web_browser) or the official [mobile app](https://en.wikipedia.org/wiki/Mobile_app). Google also supports the use of [email clients](https://en.wikipedia.org/wiki/Email_client) via the [POP](https://en.wikipedia.org/wiki/Post_Office_Protocol) and [IMAP](https://en.wikipedia.org/wiki/Internet_Message_Access_Protocol) protocols.

At its launch in 2004, Gmail provided a storage capacity of one [gigabyte](https://en.wikipedia.org/wiki/Gigabyte) per user, which was significantly higher than its competitors offered at the time. Today, the service comes with 15 gigabytes of storage. Users can receive emails up to 50 megabytes in size, including attachments, while they can send emails up to 25 megabytes. In order to send larger files, users can insert files from [Google Drive](https://en.wikipedia.org/wiki/Google_Drive) into the message. Gmail has a [search](https://en.wikipedia.org/wiki/Search_engine)-oriented interface and a ["conversation view"](https://en.wikipedia.org/wiki/Gmail_interface#Conversation_view) similar to an [Internet forum](https://en.wikipedia.org/wiki/Internet_forum). The service is notable among website developers for its early adoption of [Ajax](https://en.wikipedia.org/wiki/Ajax_(programming)).

Google's mail servers automatically scan emails for multiple purposes, including to filter [spam](https://en.wikipedia.org/wiki/Spamming) and [malware](https://en.wikipedia.org/wiki/Malware), and to add context-sensitive advertisements next to emails. This advertising practice has been significantly criticized by privacy advocates due to concerns over unlimited [data retention](https://en.wikipedia.org/wiki/Data_retention), ease of monitoring by third parties, users of other email providers not having agreed to the policy upon sending emails to Gmail addresses, and the potential for Google to change its policies to further decrease privacy by combining information with other Google data usage. The company has been the subject of lawsuits concerning the issues. Google has stated that email users must "necessarily expect" their emails to be subject to automated processing and claims that the service refrains from displaying ads next to potentially sensitive messages, such as those mentioning race, religion, sexual orientation, health, or financial statements. In June 2017, Google announced the end to the use of contextual Gmail content for advertising purposes, relying instead on data gathered from the use of its other services.

# 2 TEST ITEMS

The following is a list, by version and release, the items to be tested:

A. NEW ACCOUNT CREATION

# 

# 3 SOFTWARE RISK ISSUES

A. Every company is vulnerable to data breaches

B. Phishing

C. Malware

D. DDos Attacks

# 

# 4 FEATURES TO BE TESTED

|  |  |  |
| --- | --- | --- |
| 1.1 | CREATING A USER WITH ALL VALID DETAILS | *The system should allow a user to create a new account when all the mandatory fields are filled with valid information matching all the specific criteria.* |
| 1.2 | NOT ALLOWING A NEW ACCOUNT TO BE CREATED | The system should not allow a user to create a new account when invalid information is entered or when the specified criteria is not met. |
| 2.1 | GUI | Adherence to Google logo specifications and spacing requirements.  Spelling errors.  Ensure that all the radio buttons are active.  Ensure that all the navigation links are active. |
| 2.2 | Create New Users | Admin can create new users entering mandatory fields-  · First and last name  · username  · Password  Birth date, month and year    Optional fields will help to identificate users and describe them.  System will not save users if mandatory fields are blank. |

# 5 FEATURES NOT TO BE TESTED

The features that a QA team is not going to test for a particular reason

as of our New Account Creation are:

# 6 APPROACH

* **Story Review**
* **Documentation of Test Scenarios & Test Cases**
* **RTM for coverage analysis**
* **Test Execution**
* **Results Documentation**
* **Bug Reporting & Tracking**
* **Regression Testing**
* **UAT Presentation**
* **Signoff**

# 7 PASS/FAIL CRITERIA

This test will determine the Completion criteria for New Account Creation. This is a critical aspect of the plan.

* At the Unit test level this could be items such as:
  + All test cases completed.
  + A specified percentage of cases completed with a percentage containing some number of minor defects.
  + Code coverage tool indicates all code covered.

What is the number and severity of defects located?

* This step also determines the severity and priority of defects. If the severity is at level 1 or 2 this test will be marked as fail. If the severity and priority is low level then the test will be marked as pass.

# 8 SUSPENSION CRITERIA AND RESUMPTION REQUIREMENTS

If major showstoppers are identified and majority of the functional is not stable the text execution is suspended.

Application is behaving as expected and the road blocks are cleared with test execution the test activity is resumed.

# 9 TEST DELIVERABLES

As part of the QA activity, the testing team will deliver the following documents and artifacts.

* · Test plan (this document)
* · Test scenarios
* · Detailed test cases
* · Test execution results (updated in the test case document for each run)
* · Requirement Traceability Matrix with the failed test cases and reported defects mapped
* · Test Logs & evidences as needed
* · Test Summary Reports, for each reporting period
* · Test Data (as appropriate and applicable)

# 10 REMAINING TEST ACTIVITIES

Based on the delivery timelines and the sprint deliverables, the QA activities may have to vary from the plan and this section details the activities that remain at the end of each test cycle. Thus, this section will be updated before the QA activities begin, so that the QA team effort is not wasted in attempting to test the functionality that is not delivered yet.

The QA team will update this section at the end of each sprint as well to provide the details of any pending activities from the planned QA cycle.

# 11 ENVIRONMENTAL NEEDS

Dedicated test environment for supporting QA activities

URL

# 12 STAFFING AND TRAINING NEEDS

Developers - 4

Testers - 3

Management - 1

Operation

Specialized training Needed:

# 13 RESPONSIBILITIES

The Test Manager is responsible for:

* Building up and leading the Testing Team to the success of project
* Defining the scope of testing within the context of each release / delivery
* Deploying and managing resources for testing
* Applying the appropriate test measurements and metrics in the product and the Testing Team
* Planning, deploying and managing the testing effort for any given engagement.
* Provides required training for resources.
* The critical go/no go decisions for items not covered in the test plans
* Providing resolution of scheduling conflicts, especially if testing is done on the production system.

The Test Lead is responsible for monitoring and improving the testing process. He also contributes to testing, analysis, reporting, selecting the features to be tested and features not be tested and defining quality metrics

The QA Tester is responsible for executing manual test scenarios for software applications and reporting defects. He is responsible for delivering each item in the test items section.

# 

# 14 SCHEDULES

**Project task estimation**

TASK MEMBERS ESTIMATE EFFORT

Create Test specification Test Designers 170 man- hour

Perform Test Execution Tester, Test administrator 80 man-hour

Test Report Tester 10

Test delivery

Total

**Schedule**

This project schedule is created on the basis of the inputs like the working days, Project deadline, how long it takes to complete the Project, and giving extra time for any Project risks .

|  |  |  |
| --- | --- | --- |
| TASK NAME | START DATE | END DATE |
| Making Test Specification | 04/03/22 | 04/07/22 |
| Milestone | 04/07/22 | 04/20/22 |
| Perform Test Execution | 04/10/22 | 04/19/22 |
| Milestone | 04/26/22 | 04/26/22 |
| Test Report | 04/20/22 | 04/25/22 |
| Milestone | 04/25/22 | 04/25/22 |
| Test Delivery | 04/27/22 | 04/27/22 |
| Milestone | 04/27/22 | 04/27/22 |

# 15 PLANNING RISKS AND CONTINGENCIES

The following risks have been identified that could affect our ability to complete the testing within the allocated time:

* Tight timeline
* Insufficient resources
* Continuously Changing requirements
* Natural Disasters
* Pandemic
* Delays in training on the application
* Delays on the training of the new tools.
* Undefined project scope

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# 16 APPROVALS

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| --- | --- |
| Project Sponsor - |  |
| Development Management - |  |
| Project Manager - |  |
| Test Manager - |  |
| Development Team Manager - |  |