**Business Requirements Specifications**

1. **Project Scope**

To test the different functionalities provided by the Gmail such as sent, bin, read, outbox, starred, spam and draft. To test the security provided by the system.

1. **Project Clients, Customers, Stakeholders**
   1. **The Client-**

It is the product developed by the Google. Google planned to develop this product to provide vast storage, Zippy interface, instant search and other advanced features.

* 1. **The Customer-**

Gmail was developed to provide 15 gigabytes storage to the users and users can receive emails up to 50 megabytes in size, including attachments.

* 1. **The Stakeholders-**
* Sponsor- Google
* Testers-

1. Sourabh Kagwade.
2. Aishwarya Kasar.
3. Ruturaj Shinde.
4. Pranita pandhare.
5. Rutvik hajare.
6. Prasad Sutar.
7. Omkar Bhor.
8. Sakshi Sakhi.
9. Vishwanath Gundeli
10. Hritik Atwad.
11. Rati Chavan.
12. **Users of the product**

**Admin:** For admin it should be a well organized website, all the data should be organized easily. Admin can add/remove users, manage billing, set up mobile devices and more.

**User:** Website should be easy to use, all categories should be well organized so that user wont find any difficulties to use. User can send/receive mail, create draft, mark important mail and delete mail.

1. **The Scope of the work**

To test the existing features of the Gmail and identify the additional features required.

1. **The Scope of the product**

**Scope Of the Product: G-Mail**

1. A System Catalog that allows user to see all functions of system.

2. Inbox that store the received mails

3. Sent that allows to compose and send the mail

4. Draft that allows user to store the mail that don’t contains recipient

5. Outbox that allows user to store unsend messages or the messages that don’t get sent.

6. Spam that contains unwanted junk mails sent out to large numbers of recipient

7. Trash that stores the deleted mails

8. Starred that allow user give particular mail priority

1. **Features and Functionalities**

* Email nudges and high-priority notices
* The gmail’s nudge feature helps in getting notification , follow up notification.
* User can enable this feature for particular emails by changing the emails priority to high
* Spam mail
* Gmail’s AI automatically recognize the received mails as they are spam or not. If spam mail is recognized it is moved to spam folder in the gmail.
* Mail search functionality by “text, title, mail content, mailers id, mailers name “
* Gmail has searc
* h functionality for user’s.
* User can search mails via dates, mail content, title, mail id’s.
* Googles AI which helps in composing the mails
* Gmail’s smart compose AI helps in building the proper mail for the user, With the help of machine learning.
* This features also helps user to identify and correct grammars mistake.
* Separate folders which stores the kind of mails e.g. (inbox, starred, snoozed, sent, drafts, deleted, social, updates, forums, promotions)
* Gmail’s have created the pre-folders in which that kind of mail’s are stored.
* User also can move mails in these folders.
* It allows user to create his/her own label
* Gmails also allows user to create customized labels. Which can be assigned to the mails.
* Password protection on mails.
* Gmail has the new feature from which user can now set the passwords for emails.
* This feature additions the security in the more privacy in mail transactions
* Recall sent mails using undo option
* After mail is sent the undo option is appear on the screen from which user can recall his sent mail.
* In setting user can set the delay for undo option
* Schedule mail
* User can schedule his mail. At what time user wants to send his mail he can save the schedule the time and google will automatically send that mail on scheduled time.
* Offline mail
* This feature catches the all the mails which will can be showed offline in the browser and application
* To have this feature user have to enable this feature in the settings.
* Getting menu after right clicking on mail
* User can access all the appropriate menu of actions which can be done on the mail can be accessed via the just right clicking on any email.
* Confidential mode
* Confidential mode lets you limit message copying and downloading, and can add an optional expiration time, too. Find it via the menu button (three dots) on mobile or the padlock symbol on the web when composing an email.
* Save to google drive
* Gmail’s this feature helps users to save their mails to google drive.
* User can access their important mails from their drives.
* Two factor authentication security
* Gmail has advance security feature. The 2fa feature allows provided user more security to user’s mail account .
* Translate emails.
* Gmail has translate feature which helps all the users to read mail’s in their native language.
* Add another email address.
* Gmail’s this feature allows user to import mails from the other mail account.
* To use this feature user must have to setup/add his another account.
* Sync up mails.
* Sync up mails is provided option which checks for the newly received email, so that application can send notification to user’s device.
* Bookmark mailing.
* Gmail has bookmark feature.
* User can bookmark the certain important mails of his/her.
* Theme options
* Gmail’s interactive feature using this user can change the theme of his gmail.
* Meeting Feature
* User can arrange meeting using gmails meeting feature.
* Direct access to other google applications.
* Gmail allows user to access their other products directly from the home page.
* Document, image viewers.
* Gmail has pre-implemented document, text viewsers.

1. **Usability and Humanity Requirements**

**1. Ease of learning**: The g-mail (system) must be easy to learn for new users and users with experience from similar systems.

**2. Task efficiency**: The g-mail (system) must be efficient for the frequent user.

**3. Ease of remembering**: The g-mail (system) must be easy to remember for the casual user.

**4. Understandability**: The user must understand what the g-mail (system) does. provide the proper navigations to system that teach various functions of system to new users.

**5. Subjective satisfaction**: The user must feel satisfied with the g-mail (system). By providing simple functionalities and ease to understand the system interface.

**8. Performance Requirements-**

**1. Speed**-Startup time or load time of Gmail should be a finite amount of time.End users should see loading screens or animated cursors while the software loads or starts up.

**2. Response time or latency**-The response time of gmail (system) is the delay between when the user enters input and when the software acts upon that information. Ideally, software response times should be virtually imperceptible to end users.

**3. Limited load or poor scalability**-Server applications should handle a finite no. of simultaneous users without software performance degradation. Scalability helps ensure the application has the resources to support the expected no. of users.

**4. Stability**-Gmail (system) must be stable in case of varying workloads.

**9. Approvals-**