# SOFTWARE REQUIREMENT SPECIFICATION

# FOR

# GOOGLE PAY

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## Introduction

### Purpose

### Google pay is a online payment system and a digital wallet platform developed by google.It was initially released in September 11,2015 as Android pay and renamed Google pay on January 2018.It is an application that is used for tap to pay purchases and allow money transfer using phone number or email address for free.

## Project Scope

### Simplifies the process of money transfer.The primary function of the app is to allow simple money transfer transactions,it also allow user to make payments in stores that accepts UPI-based transactions

### Fast and easy purchases wherever they buy through one tap online transaction .No cost ,it is avilable free on playstore and has no transaction fees.

### Simplifies online payments.

## 2 Overall Descriptions

### 2.1 Project function

### Google pay has its own database to maintain its process.when we login google pay using google pin it communicates with data base.Now we can transfer,receive or spent money easily.

### 2.2 Operating Environment

### It runs on android lollipop 5.0 and its later versiond and iOS 11 and its later version

## 2.3 User Characteristics

### (a) Customer

### \* login into the application using the pin/pass code

### \* very user friendly where we can send ,receive and spent the money just by a single touch.

### (b)Maintainance engineers

### Google pay is easy to use but to maintain its database and its internal functions,it requires programmers and coders to work together.

### 3 External Interface Requirements

### 3.1 User interface

### (a) Onboarding

### It mainly involves 3 steps: Adding phone number,selecting the google account and setting a pass code.

### (b) Bank setup

### Select bank,confirm account and select a upi pin.

### The user interface is very simple and esy to use.

### 3.2 Software Interface

### Operating systems such as android and iOS.

## 4. System Features

## 4.1 Functional Requirements

## (a)Login

## Login onto google pay to check whaether there is an account

## (b)Enter the details

### Enter the mobile number registered with bank account to see wheather the account exists or not.

### (c)Message

## If the google account exists you will be logged in or you have to sign in to create a new google pay account

### The sign in step of google pay involves:

### Sign in

### Sign into google pay using your registered mobile number with your bank number,email id and name.

### Security

### Choose a screen lock or pin code to secure your account

### Adding the bank account

### Choose the bank you wish to use application.

### Verification

### Message will be sent by registered mobile number to bank for verification to see if the bank account exists or not

### UPI PIN

### Choosing the UPI PIN to secure the transaction which a six digit number and your bank account will be added to google pay .For transaction this UPI is required.It protects user information and it is safe.

### After sign in google pay is ready for transaction of money.

## 5 Non functional Requirements

## 5.1 Performance Requirements

## \* In case of transaction failure ,it usually takes 3 days to return it.

## \*Faster transaction of money .

### 5.2 Security

### The application is secure ,it provides protection from malvares and unauthorised access

### Reference

www.google.com

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