



SMS Gateway

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A project (SWE 431) submitted By Md. Mehedi Hasan and fulfill all requirements for the BSc in Software Engineering degree .

APPROVAL

This project titled on “SMS Gateway”, submitted by **Md. Mehedi Hasan (ID: 123-35-322)** to the Department of Software Engineering, Daffodil International University has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of Bachelor of Science in Software Engineering and approval as to its style and contents.

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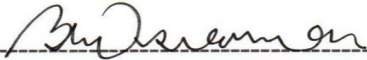
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Title of Project : SMS Gateway
Academic Session : 2022

I, the writer and developer of this application, hereby declare this project will be the property of Daffodil International University (DIU). I also give the permission to the to represent the project in full or in some part for the researching.

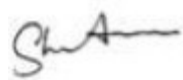


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Mr. Md. Shohel Arman
NAME OF SUPERVISOR

Date: 02-11-2022

ACCEPTANCE

At first, I am so much thankful to almighty Allah. Allah has given me the concept and skill to create this project. I offer Durud to Hazrat Mohammad (SM) peace be upon him. And I am really grateful to Daffodil International University for grant me that chance to prove me. I also so thanks to Dr. Imran Mahmud (Associate Professor & Head, Department of Software Engineering) Lastly, I am so thankful to Mr. Md. Shohel Arman. He has been given me the guiding in order to creating this project.

ABSTRACT

SMS Gateway is a web-based application that is using for sending masking and non-masking message. Send SMS by API, Quick SMS, Variable SMS, and Campaign SMS. There have two types of users, one is postpaid and another is prepaid.

Table of Contents

APPROVAL.....	i
INTERNSHIP ANNOUNCEMENT	i i
ACCEPTANCE	iii
ABSTRACT	iv
TABLE OF CONTENTS	v
LIST OF TABLES	viii
LIST OF FIGURES	ix
LIST OF ABBREVIATIONS	x
CHAPTER 1: INTRODUCTION.....	01
1.1 The Project Overview.....	01
1.2 Project Objective.....	01
1.2.1 The Background Overview	01
1.2.2 The Project Benefits & Beneficiaries	01
1.2.3 The project Goals	01
1.3 The Project Stakeholders.....	01
1.4 The Project System Model (block diagram)	02
1.5 The Project Schedule.....	02
1.5.1 The project Gantt Chart	02
CHAPTER 2: SOFTWARE REQUIREMENT SPECIFICATION	
2.1 The Project Functional Requirements.....	04
2.3 Requirements of project Performance	06
2.3.1 Requirements of Speed and Latency	
2.3.2 Requirements of project Precision or Accuracy	
2.3.3 Requirements of Capacity	
2.4 Requirements of Dependability	
2.4.1 Requirements of Reliability	07

2.4.2 Requirements of Availability.....	07
2.5 Requirements of Maintainability and supportability	07
2.5.1 Requirements of Maintenance.....	07
2.5.2 Requirements of supportability	07
2.5.3 Requirements of adaptability	07
2.5.4 Requirements of scalability	07
2.6 Requirements of Security.....	08
2.6.1 Requirements of access	
2.6.2 Requirements of Integrity	
2.6.3 Requirements of privacy	
2.7 Requirements of Usability and Human-Interaction Requirements.....	08
2.7.1 Requirements of Ease of Use	
2.7.2 Requirements of Personalization and Internationalization	
2.7.3 Requirements of Understandability and Politeness	
2.7.4 Requirements of Accessibility	
2.7.5 Requirements of User Documentation	
2.7.6 Requirements of Training	
2.8 Requirements of Look and Feel	09
2.8.1 Requirements of Appearance	
2.8.2 Requirements of Style	
2.9 Requirements of Operational and Environmental.....	11
2.9.1 Requirements of Expected Physical Environment	
2.9.2 Requirements of Requirements for Interfacing with Adjacent Systems	
2.9.3 Requirements of Projectization Requirements	
2.9.4 Requirements of Release Requirements	
2.10 Requirements of Legal.....	11
2.10.1 Requirements of Compliance	
2.10.2 Requirements of Standards	
CHAPTER 3: SYSTEM ANALYSIS	
4.1 Use Case Diagram.....	12
3.2 Use Case Description (for each use case)	13
3.3 Activity Diagram (for each use case)	19

Chapter 4: System Design Specification

4.1 Diagram of Sequence (for each use case)	21
4.2 Diagram of ERD.....	23
Development Technology & Tools.....	23
4.2.1 Technologies of User Interface.....	23
4.2.2 Implementation Platforms and Tools.....	23

3

CHAPTER 5: SYSTEM TESTING

5.1 Feature Testing.....	25
5.2 Testing Strategies.....	26
5.2.6 Test Cases	27
5.2.7 Testing Environment (hardware/software requirements)	28

CHAPTER 6: USER MANUAL

F.I User Manual (Students)	29
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CHAPTER 7: SUMMARY

1 Critical Evolution.....	38
2 Limitations.....	38
3 Obstacles & Achievements.....	38

CHAPTER 8: APPENDICS.....

REFERENCES	39
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List of Tables

Point	Name of figures	Page no:
Table 5.2.6	Functional Requirements	26
Table 5.2.5	Non-Functional Requirements	27
Table 5.1	Schedule	31
Table 5.2	Test Case-1	32
Table 5.3	Test Case-2	33

List of Figures

Point	Name of figures	Page no:
Figure 1.4	Block Diagram	2
Figure 1.5	Gant Chart	3
Figure 1.5.2	Work Distribution	3
Figure 4.1	ER Diagram	21
Figure 3.1	Use Case	12

List of Short form

DIU = Daffodil International University

SWE = Software Engineering Department

CHAPTER-1

Introduction

1.1 The Project Overview

SMS Gateway is a web-based system. Through, this application a company/organization can send the message by api/schedule/quick.

1.2 The Project Objective

1.2.1 The project Background

We are having a lot of problems when we want to integrate the API with our own website and want to send SMS by Masking.

1.2.2 The project Benefits & Beneficiaries

- ☐ Send SMS masking and non Masking
- ☐ Admin Can create user and user can create re-seller account.
- ☐ A user can show his own DLR.
- ☐ Admin can route any user to a number(GP/BL/ROBI/TELETALK).
- ☐ Dynamic client setup option that is used for integrating the API like GP, BANGLALINK, ROBI, metronet etc.
- ☐ It's a high-scale distributed application, so if we need more servers we can add them here anytime.

1.2.3 The project Goals

- ❖ The goal of my project is, one organization can send SMS from any operator from one platform.
- ❖ User have a child account which account can be treated as reseller account.
- ❖ Every user can show his DLR report.

1.3 The project Stakeholders

- Admin
- User
- Child User

1.4 The Project System Model (Block Diagram)

Block Diagram

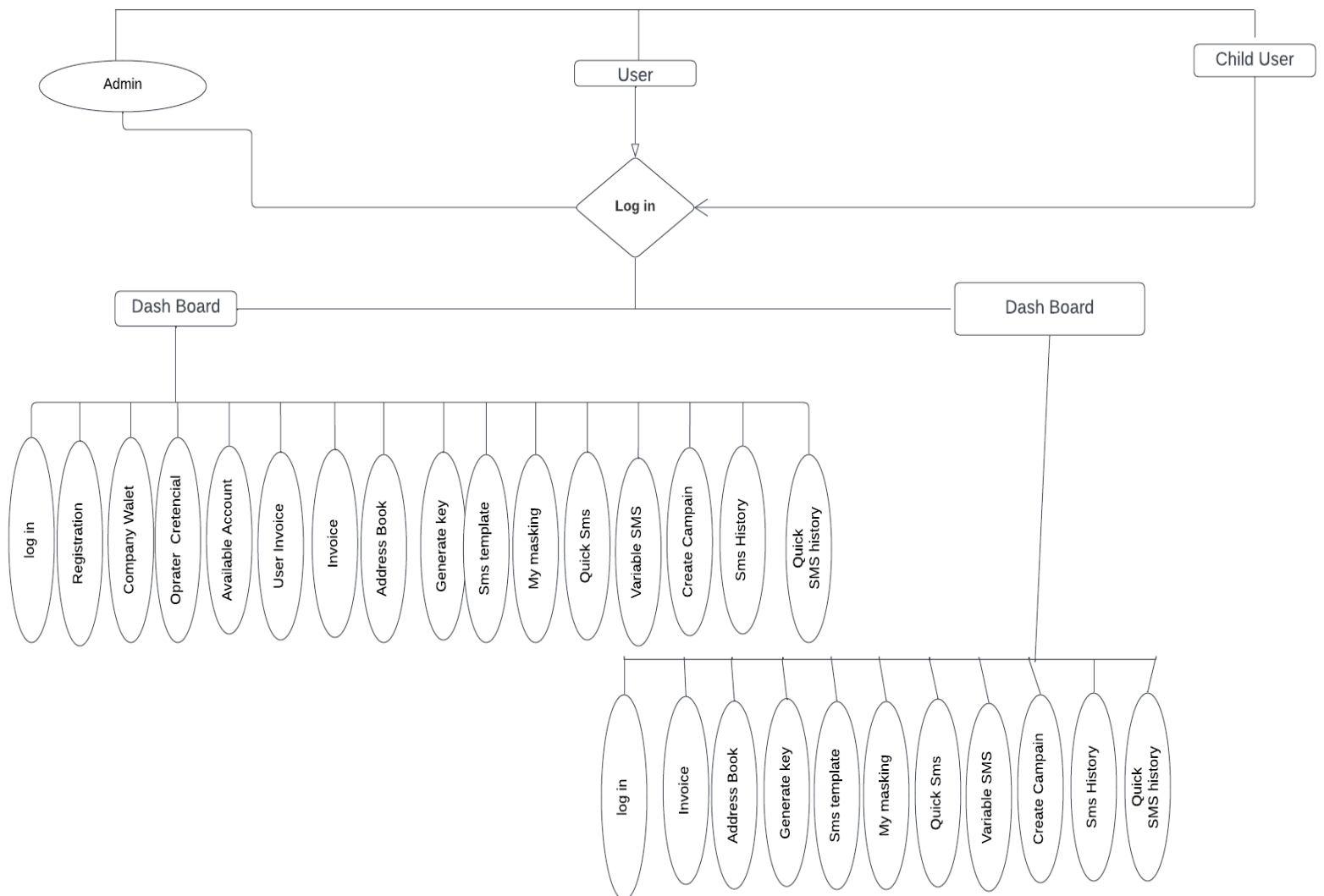


Figure 1.5.1: The project Grant Chart

Project Proposal	Md. Mehedi Hasan	7 Days
Software Requirement Specification	Md. Mehedi Hasan	1 Month
Software Design	Md. Mehedi Hasan	25 Days
Coding	Md. Mehedi Hasan	4 Month
Software Testing	Md. Mehedi Hasan	15 Days
Project Finalization	Md. Mehedi Hasan	15 Days

CHAPTER-2

Software Requirement Specification(SRS)

2.1 Requirements of Functional

This is SMS related application. I have discussed about my SMS Gateway requirements.

ID	Name	Description	Functional / Non functional	Priority
FRQ-01	Request access for Account to Admin	Admin will create the account and send it to the user.	Functional	High
FRQ-02	Login	User can login with their valid email id and pass.	Functional	High
FRQ-03	Check Account Info	User can show the account info like personal info and balance also	Functional	High
FRQ-04	Masking/Non-Masking	Admin Assign the Masking/Non-Masking and user can send by this number.	Functional	High
FRQ-05	Route	Admin can Assign to user individual number for sending message.	Functional	High
FRQ-06	Company wallet	Admin can recharge a user and user can send sms by this credit	Functional	High
FRQ-07	User Invoice	Postpaid user have this option only	Functional	High
4 FRQ-08	Generate API Key	User can send sms by API with third party application application	Functional	High

FRQ-09	Address Book	Can add group of number	Functional	High
FRQ-10	SMS Template	For Re-use sms	Functional	High
FRQ-11	Quick SMS	For instant SMS	Functional	High
FRQ-12	Variable SMS	For dynamic SMS	Functional	High

2.2 Requirements of Non-Functional

Here I have discussed about non-functional requirements.

ID	Name	Description	Non-Functional Requirement	Priority
NFR-0A	Security	Jwt token based authentication and uthorization.	Non-Functional	High
NFR-0B	Availability	24/7 service available	Non-Functional	High

NFR-0C	Accuracy	Database lock technology and ACID transaction will save accurate data	Non-Functional	High
NFR-0D	Maintenance	Using agile method, we have good maintain policy .	Non-Functional	Medium
NFR-0E	High-Scale Application	Microservices application	Non-Functional	High

2.3 Requirements of Performance

2.3.1 Requirements of Speed and Latency

- i. We are using here mysql java spring JPA JDBC.
- ii. The Database we have to use JPA JDBC, Mongo DB.

2.3.2 Requirements of Precisions or Accuracy

- i. If any one want to register here then he/she have to register by admin.
- ii. Admin can update student information.

2.3.3 Requirements of Capacity

- i. Multiple user can use this application at same time
- ii. Admin can add supervisor startup time one supervisor for one user.

2.4 Requirements of Dependability

2.4.1 Requirements of Reliability

- i. Users with Admin, User, Child user should be authorized password and user.
- ii. Admin can easily create and update supervisor and assign new supervisor
- iii. User can check his or her profile for update and check balance.
- iv. User can check his or her assigned child user.
- v. Admin can add user and update also.

2.4.2 Requirements of Availability

- i. Tomcat server can run this application.
- ii. By command line we can start this application easily.
- iii. We can use Chrome, Firefox, Internet Explorer for use this application.

2.5 Requirements of Maintainability and Supportability

2.5.1. Requirements of Maintenance

- 1. With command line we can recover and update data.
- 2. We have to check security with linux and Windows OS.

2.5.2 Requirements of Supportability

- 1. If application not working then we have to check database, system storage and application also.
- 2. We have to check the application update.

2.5.3 Requirements of Adaptability

- 1. Important application which is very important for organization.
- 2. This application is using for OTP send and campaign sms.

2.5.4 Requirements of Scalability or Extensibility

1. Reliable application which using procedure is very easy.
2. Helping the organization which is helping send sms from one platform .
3. Users can check there balance.

2.6 Requirements of Security

2.6.1 Requirements of Access

- i. Registered user can use this system.
- ii. Guest will not be granted this application.
- iii. Any User can send SMS if he/she has balance on portal.

2.6.2 Requirements of Integrity

- i. Guest user can not access this application.

2.6.3 Requirements of Privacy

- i. Only active user can be treated as grated user.
- ii. All User account portal can activate admin

2.7 Requirements of Usability and Human Interaction

This application meets physical needs of the intended users of our website.

2.7.1 Requirements of Ease of Use

This application using system is very easy

UH-01	This application must be usable for User, Child User, admin with all associate stakeholders
Project Description	The system indicates the several possible that the users.
Project Stakeholders	Admin, Child User, User.

2.7.2 Understand Ability and Politeness Requirements

This section describes more requirements.

UH-02	The SMS Gateway features.
Project Description	If we want to add more feature then we can do it easily. Because, it is well structured application where we can added the possible all technology and engineering
Project Stakeholders	System Admin

2.7.3 Requirements of Accessibility

Only these user can access this application:

RA-1: Access in with a Admin

RA-1: Access in with a

User RA-1: Access in

with a Child User

If this database is stolen from any body, he/she can not access the application because the application password is one way encrypted

2.7.4 Requirements of User Documentation

UH-03	Documentation of system developer
Description	The business analyst team is described all of business logic and user documentaion.
Stakeholders	System Engineer

2.8 Requirements of Look and Feel

The requirements are covered with all of business logic we are not covered full of user interface or appearance of this application .

2.8.1 Requirements of Appearance

It should be clear to the System Admin, User and Child User needs to be filled and which can be left blank in this system.

LF-01	Mandatory level must be treated as bold
Description	Bold.
Stakeholders	System Admin, User, Child User.

2.8.2 Requirements of Style

Using with Bootstrap and CSS we had designed the user interface.

LF-02	With CSS
Description	Using css, React JS, Bootstrap for developing the interface
Stakeholders	System Admin

2.9 Requirements of Operational and Environmental

This requirements using for inter communication to multiple distributed machine .

2.9.1 Requirements of Expected Physical

Physical requirement no needed.

2.9.2 The Requirements for Interfacing with Adjacent System

Interface with adjacent system requirements no needed.

2.9.3 Requirements of Release

No need.

2.10 Requirements of Legal

You have to maintain the rules and regulation otherwise you will be inactive from this application

2.10.1 Requirements of Compliance

No required

2.10.2 Requirements of Standard

No Required

CHAPTER-3

SYSTEM ANALYSIS

3.1 Diagram of Use case

Use Case

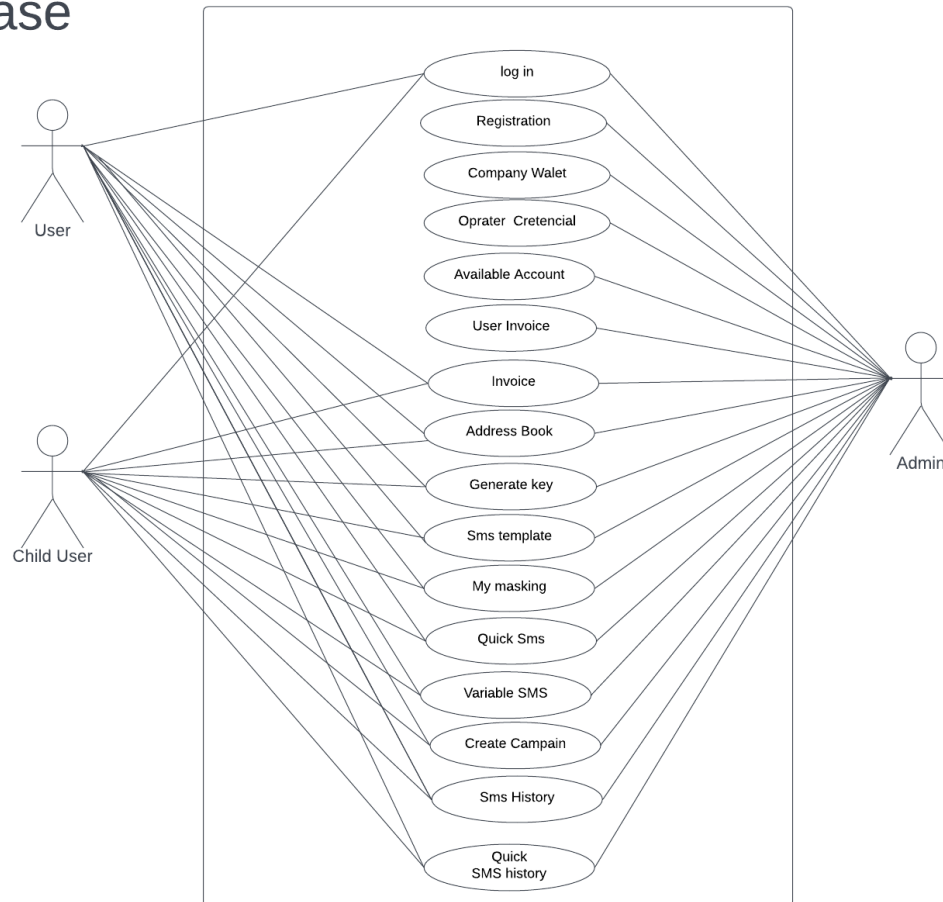


Figure 3.1: Use Case

3.2 Description of Use Case

3.2.1 The system of Login and Log out

Use Case	Login and log out system	
Goal <Defination of the purpose with some context.>	System Admin, User, Child User can access the system. And finally, Log out.	
Preconditions <The precondition can be set when requirement collection>	N/A	
Success End Condition <Successfully completion when all state complete without error>	System Admin, User, Child User can access this system	
Failed End Condition <No Successfully completion when all state complete without error>	System Admin, User, Child User can access the system	
Primary Actors:	System Admin, User, Child User	
Optional Actors	N/A	
Trigger <When system using start this task>	Access This System	
Description/main Success Scenario <For goal completion with success, trigger to success should be completed.>	Step	Action
	1	System Admin, User, Child User
	2	The user enters his or her email id and password in the returning user section of the sign in screen.
Alternative Flows	Step	Action of Branching
	1a	The user enters his or her username and password
Quality Requirements	Step	Requirement
	1	When user login then needs to correct email id for login and password.

3.2.2 Transfer balance

Use Case	Check assigned user list	
Goal <Defination of the purpose with some context.>	User can check his balance and and admin can recharge.	
Preconditions <The precondition can be set when requirement collection>	Must be logged in to the system.	
Success End Condition <Successfully completion when all state complete without error>	Can send SMS if he/she has the credit.	
Failed End Condition <No Successfully completion when all state complete without error>	If not credit	
Primary Actors:	Admin, User	
Optional Actors	N/A	
Trigger <When system using start this task>	Wallet information	
Description/main Success Scenario <For goal completion with success, trigger to success should be completed.>	Step	Action
	1	Successfully can check and send credit.
	2	Check wallet info.
Alternative Flows	Step	Action of Branching
	1a	N/A
Quality Requirements	Step	Requirement
	1	Check wallet info individually.

3.2.3 View Profile

Use Case	View Profile	
Goal <Defination of the purpose with some context.>	User can successfully update profile.	
Preconditions <The precondition can be set when requirement collection>	Must be logged in to the system.	
Success End Condition <Successfully completion when all state complete without error>	User can check updated profile	
Failed End Condition <No Successfully completion when all state complete without error>	Cannot update profile.	
Primary Actors:	Admin, User, Child user	
Optional Actors	N/A	
Trigger <When system using start this task>	See profile	
Description/main Success Scenario <For goal completion with success, trigger to success should be completed.>	Step	Action
	1	User can check his or her profile.
	2	Can check updated profile
Alternative Flows	Step	Action of Branching
	1a	N/A
Quality Requirements	Step	Requirement
	1	Always update profile

3.2.4 Add User

Use Case	Add Course	
Goal <Defination of the purpose with some context.>	Admin can add User	
Preconditions <The precondition can be set when requirement collection>	Must be logged in the system.	
Success End Condition <Successfully completion when all state complete without error>	Perfectly added course	
Failed End Condition <No Successfully completion when all state complete without error>	Cannot Add course	
Primary Actors:	User, Child User	
Optional Actors	Admin	
Trigger <When system using start this task>	Admin and child user can add course	
Description/main Success Scenario <For goal completion with success, trigger to success should be completed.>	Step	Action
	1	Successfully added course
	2	Can check course status
Alternative Flows	Step	Action of Branching
	1a	N/A
Quality Requirements	Step	Requirement
	1	Admin can add user and user can add child user.

3.2.5 Send Message

Use Case	Api, Quick, Variable, Schedule	
Goal <Defination of the purpose with some context.>	Send SMS	
Preconditions <The precondition can be set when requirement collection>	Must be logged in the system.	
Success End Condition <Successfully completion when all state complete without error>	Successfully send SMS	
Failed End Condition <No Successfully completion when all state complete without error>	Cannot send SMS For credit.	
Primary Actors:	User, Child User and admin	
Optional Actors	N/A	
Trigger <When system using start this task>	Send SMS	
Description/main Success Scenario <For goal completion with success, trigger to success should be completed.>	Step	Action
	1	Must be user is active and have enough credit
Alternative Flows	Step	Action of Branching
	1a	N/A
Quality Requirements	Step	Requirement
	1	Must be have the active user and balance

3.2.6 Post Paid/Pre-paid User

Use Case	Available Account	
Goal <Defination of the purpose with some context.>	Can User recharge by monthly or any-time.	
Preconditions <The precondition can be set when requirement collection>	Must be logged in to system.	
Success End Condition <Successfully completion when all state complete without error>	Pay credit monthly or any time.	
Failed End Condition <No Successfully completion when all state complete without error>	N/A	
Primary Actors:	User, Child User	
Optional Actors	Admin	
Trigger <When system using start this task>	Invoice	
Description/main Success Scenario <For goal completion with success, trigger to success should be completed.>	Step	Action
	1	Invoice generate after month.
Alternative Flows	Step	Action of Branching
	1a	N/A
Quality Requirements	Step	Requirement
	1	Invoice generate after month.

3.2.7 History

Use Case	SMS History	
Goal <Defination of the purpose with some context.>	Show Sms history	
Preconditions <The precondition can be set when requirement collection>	Must be logged in to system.	
Success End Condition <Successfully completion when all state complete without error>	Show time and information of a sms.	
Failed End Condition <No Successfully completion when all state complete without error>	400 bad request	
Primary Actors:	Admin, User, Child User	
Optional Actors	N/A	
Trigger <When system using start this task>	Search	
Description/main Success Scenario <For goal completion with success, trigger to success should be completed.>	Step	Action
	1	Successfully show the history.
Alternative Flows	Step	Action of Branching
	1a	N/A
Quality Requirements	Step	Requirement
	1	Successfully show the history base on query.

3.2.8 Invoice

Use Case	Invoice/User Invoice	
Goal <Defination of the purpose with some context.>	For postpaid user can show and pay money after invoice creation.	
Preconditions <The precondition can be set when requirement collection>	Must be logged in to system.	
Success End Condition <Successfully completion when all state complete without error>	Can show the current invoice and previous invoice.	
Failed End Condition <No Successfully completion when all state complete without error>	Don't show the invoice	
Primary Actors:	Admin, User, Child User	
Optional Actors	N/A	
Trigger <When system using start this task>	Generate Invoice	
Description/main Success Scenario <For goal completion with success, trigger to success should be completed.>	Step	Action
	1	Successfully Generate Invoice
Alternative Flows	Step	Action of Branching
	1a	N/A
Quality Requirements	Step	Requirement
	1	Admin can show all invoice and user can show only own invoice.

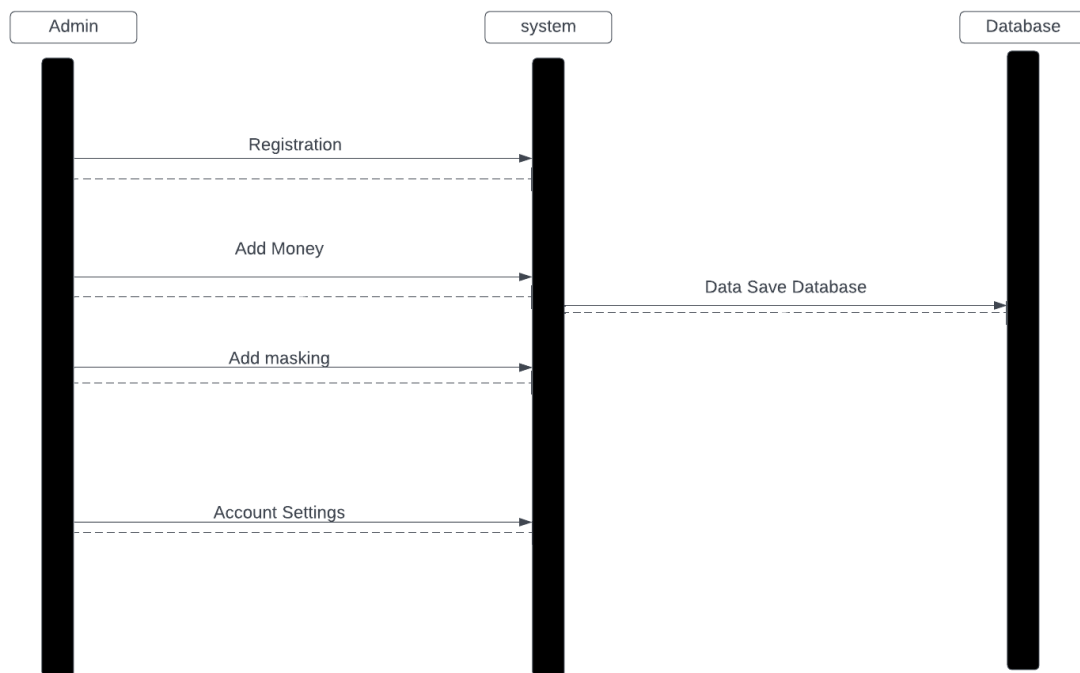
4 CHAPTER-4

System Design Specification

4.1 Diagram of System Sequence

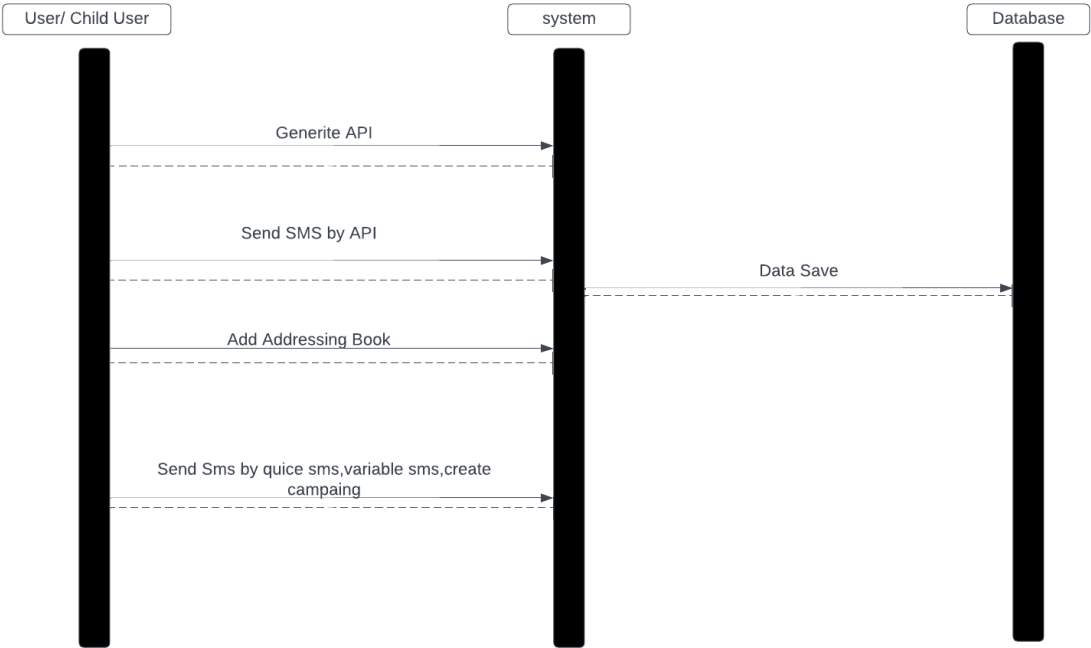
4.1.1 Admin for sequence

Sequence Diagram



User/Child User Sequence Diagram

Sequence Diagram



4.2 ERD Diagram

Development Tools and Technology

4.2.1 User Interface Technology

1: CSS3, CSS, HTML

2: Bootstraps-4

3: React JS, Font Awesome

4.2.2 Implementation Tools and Platforms

1: Java spring boot,
React JS

2: Apace

3: IntelliJ IDEA

CHAPTER-5

System Testing

5.1 Feature Testing

5.1.1 Tested Feature

- i. Registration
- ii. Login
- iii. Company Wallet
- iv. Operator cred.
- v. Available Account
- vi. User Invoice
- vii. SMS Route
- viii. Address Book
- ix. Generate Key
- x. My Masking
- xi. Quick SMS
- xii. Variable SMS
- xiii. Campaign SMS
- xiv. History

5.1.2 Feature not to be tested

- i. Recharge
- ii. Send SMS

5.2 Testing Strategies

5.2.1 Test Approach

1. We tested this system manually.
2. The web application tested based on Admin, User and Child User.

5.2.3 Pass or Fail Criteria

1. Test case wise developed and meet all requiremnts
2. Integration testing has been done.

5.2.4Suspension and Resumption

3. Regression Testing: - Regretion testing has been done.
4. Database Change: - After changing database with default data set working good.
5. Changes of System Design: - System design with microservices testing done.

5.2.5 Schedule of Testing

Here I will discuss about my project work plan.

Table 5.1: Testing Schedule

Test Phase	Time(Week)
Plan the Test	2
Specification of Test	3
Specified test	2
Testing component	4
Testing Integration	3
Testing System	5

5.2.6 Test Case

1. Test Case 1 (User Login)

Test Case 1 (User Login/Registration)

Test Case: - 01	Test Case: Login and Registration
System: Testing Login and registration	Sub-system: N/A
Designed By: - Md. Mehedi Hasan (123-35-322)	05-04-2022
Execute By: - Md. Mehedi Hasan	15-04-2022

Table 5.3: User Login/Registration

Step	Action	Expected System response	Pass/Fail	Comment
1	After filling the field you have to click login.	Email is the required field	Pass	Email is required field
2	Email like xyz@gmail.com	Email is the required field	Pass	After validation.

2 Test Case 2 (API SMS/quick SMS/Variable SMS/Invoice)

Table 2: Test Case 2 (API SMS/quick SMS/Variable SMS/Invoice)

Test Case: - 02	Submit Quiz
System: Submitted Quiz	Subsystem: N/A
Developed By: - Md. Mehedi Hasan (123-35-322)	Design Date: 15-06-2022
Execute By: - Md. Mehedi Hasan	Execution date: - 25-08-2022

Table 3 Submit Quiz

Step	Action	Expected System response	Pass/Fail	Comment
1	You should submit button after filling up field.	If company user forget or enter invalid email it will be not logged in.	Pass	All field are required

5.2.7 Testing Environment (hardware/software requirements)

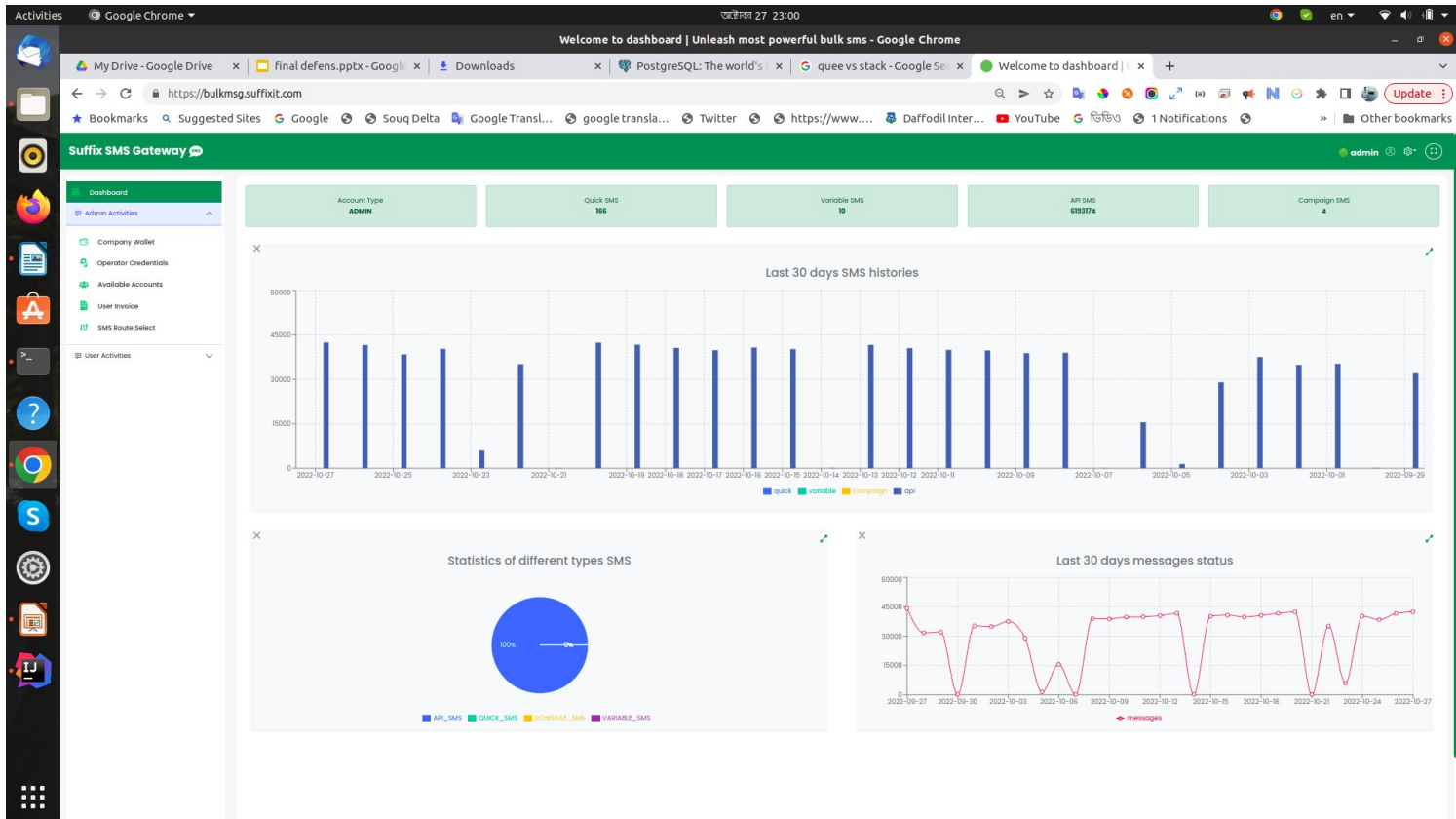
1. Browser: - Firefox, Google Chrome
2. CoreI7, Ram# 16GB, SSD#256GB, HDD#2TB

CHAPTER – 6

User Manual

6 User Manual (Student)

6.1.1 Home Page



6.1.2 Company Wallet

Activities Google Chrome Welcome to dashboard | Unleash most powerful bulk sms - Google Chrome

My Drive - Google Drive x final.defens.pptx - Google x Downloads x PostgreSQL: The world's x queue vs stack - Google S x Welcome to dashboard | x +

https://bulkmsg.suffixit.com/company-wallet

Bookmarks Suggested Sites Google Souq Delta Google Transl... google transla... Twitter https://www.... Daffodil Inter... YouTube 1 Notifications Other bookmarks

Suffix SMS Gateway admin

Dashboard Admin Activities Company Wallet Operator Credentials Available Accounts User Invoice SMD Route Select User Activities

Company Wallet List Information Dashboard / Company Wallets

Search Company wallet items

Search by user

Search now

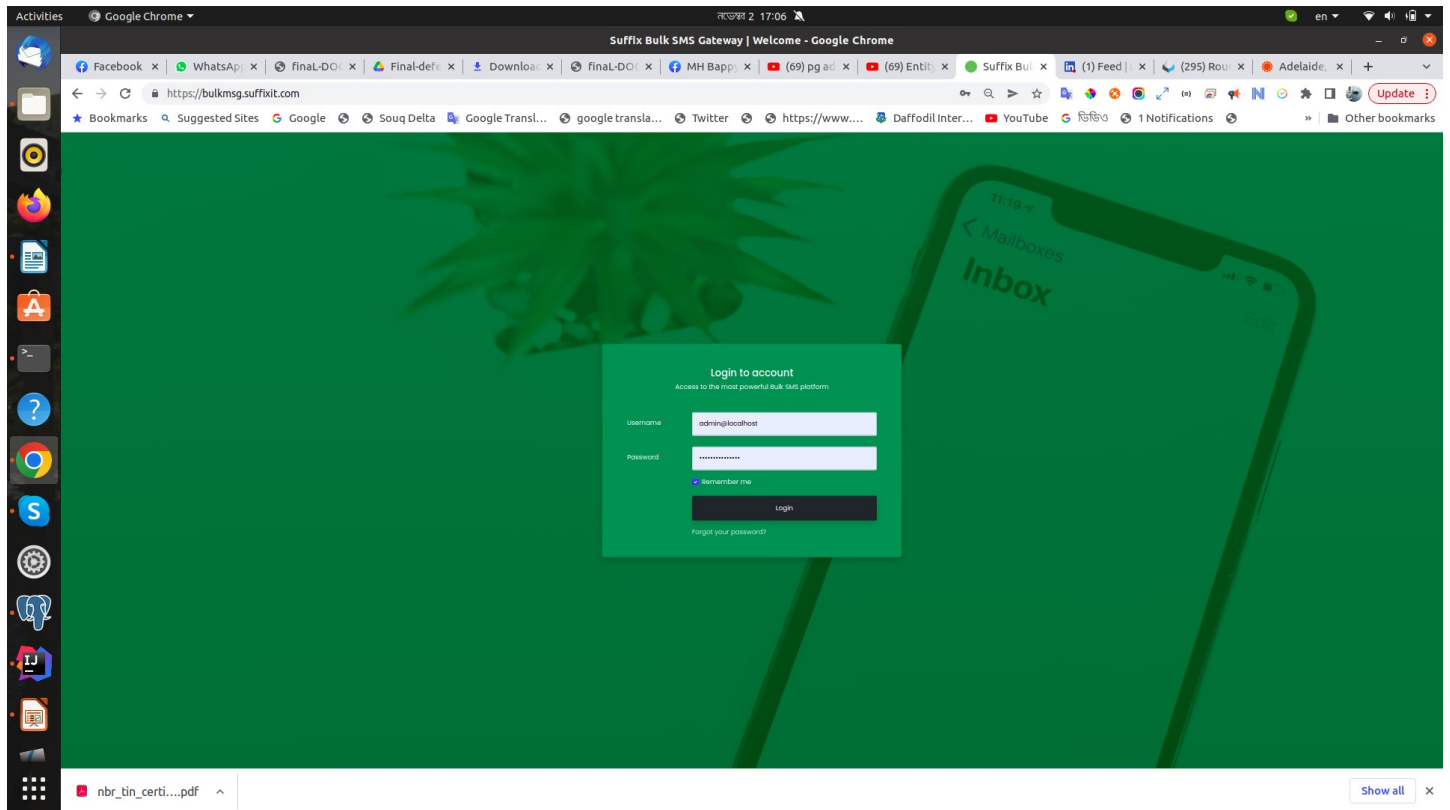
Company Wallet information List

SN	Account Code	User	Regular Balance	API Balance	Masking Rate	Non Masking Rate	Billing Type	Active	Action
1	00050	suffit@gmail.com	202589.48 BDT	36420.77	0.35	0.28	POSTPAID		
2	00052	dewit@gmail.com	487.87 BDT	1794.89	0.35	0.28	PREPAID		
3	00054	dewit@gmail.com	6.69 BDT	35.57	0.35	0.28	PREPAID		
4	00055	dewit@gmail.com	3.00 BDT	2.00	0.35	0.28	POSTPAID		
5	00056	internationalnel@gmail.com	1497.40 BDT	280.40	0.5	0.3	PREPAID		
6	00057	shohag@gmail.com	4.10 BDT	5.00	0.5	0.3	PREPAID		

Previous Next

Showing items 0 of 9

6.1.3 Login Page



6.1.4 Available Account

Activities Google Chrome Welcome to dashboard | Unleash most powerful bulk sms - Google Chrome

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https://bulkmsg.suffixit.com/users

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Suffix SMS Gateway admin

Dashboard Admin Activities Company Wallet Operator Credentials Available Accounts User Invoice SMS Route Select User Activities

All Accounts Information

Search or Create Accounts

Search with username or email

Create New Account Search Now

All Accounts Information List

SN	Email	Company Name	Mobile	User Type	User Role	Parent User	Created Date	Active	Edit	Setting	SMS Summary	SMS Report
1	shuhagpi@gmail.com	RS International	0163998877	COMPANY	MASTER	admin@localhost	07/09/2022	●	✎ Edit	⚙ Setting	👁 View	📄 View
2	rsinternational.net@gmail.com	RS International	0172474252	COMPANY	MASTER	admin@localhost	06/09/2022	●	✎ Edit	⚙ Setting	👁 View	📄 View
3	devtestchid@gmail.com	DevTest	0163737373	COMPANY	CHILD	devtest@gmail.com	05/11/2022	●	✎ Edit	⚙ Setting	👁 View	📄 View
4	devtest@gmail.com	DevTest	0163737373	COMPANY	MASTER	admin@localhost	05/10/2022	●	✎ Edit	⚙ Setting	👁 View	📄 View
5	akster@suffixit.com	Suffix IT	01755569701	COMPANY	MASTER ADMIN	admin@localhost	05/10/2022	●	✎ Edit	⚙ Setting	👁 View	📄 View
6	awol@ghspat.com.bd	GHV ipat	88073008523	COMPANY	MASTER	admin@localhost	05/10/2022	●	✎ Edit	⚙ Setting	👁 View	📄 View
7	suffischid@gmail.com	Suffix IT	0183838383	COMPANY	CHILD	suffix@gmail.com	05/10/2022	●	✎ Edit	⚙ Setting	👁 View	📄 View
8	suffix@gmail.com	Suffix IT	0183838383	COMPANY	MASTER	admin@localhost	05/10/2022	●	✎ Edit	⚙ Setting	👁 View	📄 View

Showing items 8 of 8

6.1.5 Sms Route

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https://bulkmsg.suffixit.com/sms-route-select

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Suffix SMS Gateway admin

Dashboard Admin Activities Company Wallet Operator Credentials Available Accounts User Invoice SMS Route Select User Activities

SMS Route Select

Create New Route

Available Route List

SN	Default CU	Is Random	Operator	Seq	Status	Edit	Delete
1	880195245280	●	TELETALK	3	●	✎ Edit	🗑 Delete
2	8801844608675	●	ROBI	9999	●	✎ Edit	🗑 Delete
3	8801844602043	●	ROBI	9999	●	✎ Edit	🗑 Delete
4	8801844608663	●	ROBI	9999	●	✎ Edit	🗑 Delete
5	8801844608672	●	ROBI	9999	●	✎ Edit	🗑 Delete
6	8801844602046	●	ROBI	9999	●	✎ Edit	🗑 Delete
7	8801844608679	●	ROBI	9999	●	✎ Edit	🗑 Delete
8	8801844608662	●	ROBI	9999	●	✎ Edit	🗑 Delete
9	8801844602041	●	ROBI	9999	●	✎ Edit	🗑 Delete
10	8801844608674	●	ROBI	9999	●	✎ Edit	🗑 Delete
11	8801844602045	●	ROBI	9999	●	✎ Edit	🗑 Delete
12	8801844608668	●	ROBI	9999	●	✎ Edit	🗑 Delete
13	8801844602042	●	ROBI	9999	●	✎ Edit	🗑 Delete
14	8801844602044	●	ROBI	9999	●	✎ Edit	🗑 Delete
15	8801844602040	●	ROBI	3	●	✎ Edit	🗑 Delete
16	8801844602048	●	ROBI	9999	●	✎ Edit	🗑 Delete
17	8801844608671	●	ROBI	9999	●	✎ Edit	🗑 Delete
18	8801844608681	●	ROBI	9999	●	✎ Edit	🗑 Delete
19	8801844608673	●	ROBI	9999	●	✎ Edit	🗑 Delete
20	8801844602049	●	ROBI	9999	●	✎ Edit	🗑 Delete

6.1.6 Generate API Key

Activities Google Chrome 27 23:10

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https://bulkmsg.suffixit.com/generate-api-key

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Dashboard User Activities

Child Accounts Generate API Key Company Wallet Address Book SMS Template My Masking (CU) Quick SMS Variable SMS Create Campaign SMS Summary SMS History Quick SMS History Variable SMS History Campaign SMS History Invoice Payment History

Generate API Key Dashboard / Generate API Key

API Balance : 1794.99 BDT

Generate API Key

Click on the button to generate a new API key ...

Send money Generate Key

API URL (POST) https://bulkmsg.suffixit.com/7070/api/send/sms

Masking SMS

Parameter Name	Meaning / Value	Description
apiKey	API Key	Your API Key (Base64Encode)
text	text	text for normal SMS/ unicode for Bangla SMS
totumbers	comma separated recipient number	Exp: +88017xxxxxxx, +88018xxxxxxx, +88019xxxxxxx
from	sender number	Exp: +88017xxxxxxx

Non Masking SMS

Parameter Name	Meaning / Value	Description
apiKey	API Key	Your API Key (Base64Encode)
text	text	text for normal SMS/ unicode for Bangla SMS
totumbers	comma separated recipient number	Exp: +88017xxxxxxx, +88018xxxxxxx, +88019xxxxxxx

6.1.7 My Masking

Activities Google Chrome October 27 23:12

Welcome to dashboard | Unleash most powerful bulk sms - Google Chrome

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← → ↻ 🔍 https://bulksms.suffixit.com/my-masking

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Dashboard User Activities

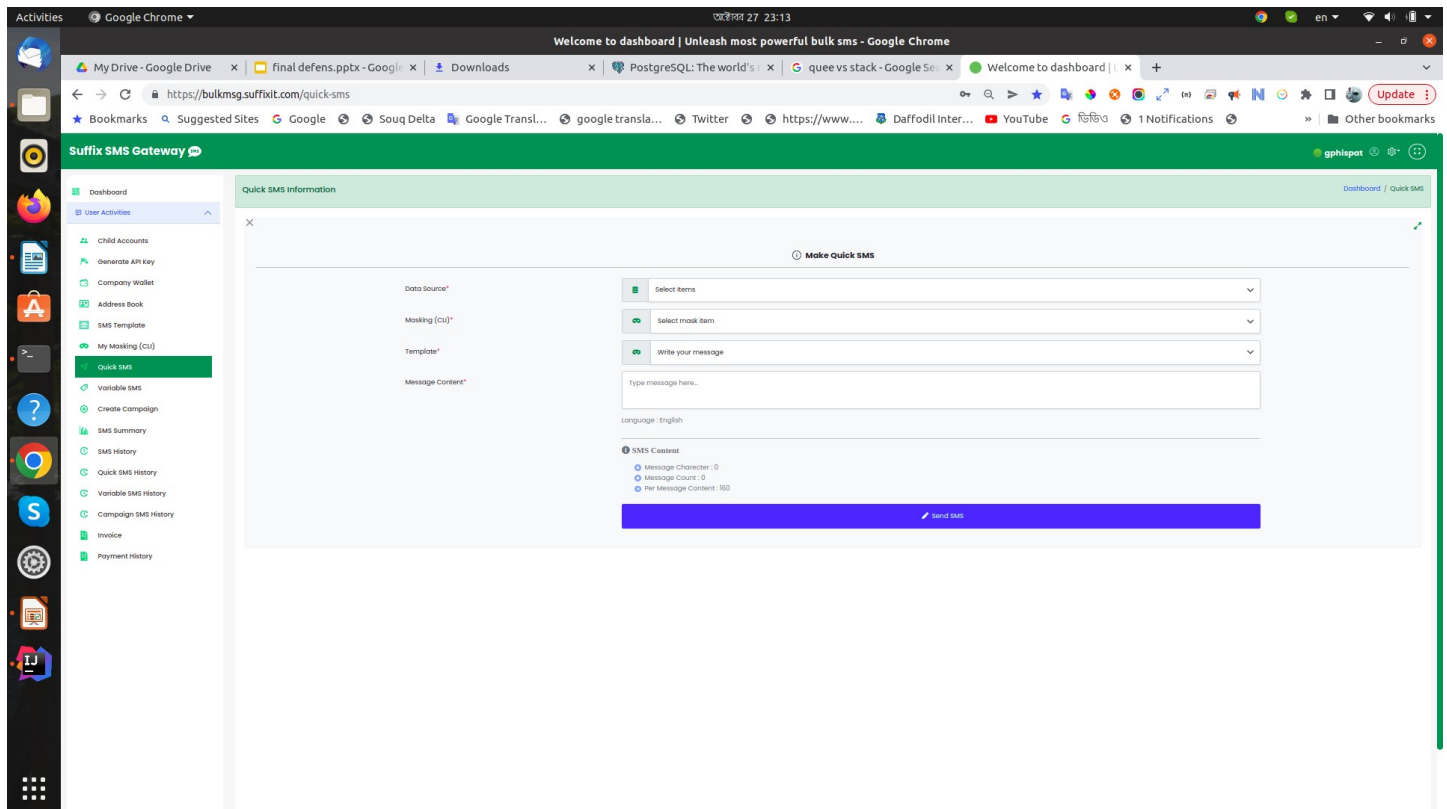
Child Accounts Generate API key Company Wallet Address Book SMS Template **My Masking (Cu)** Quick SMS Variable SMS Create Campaign SMS Summary SMS History Quick SMS History Variable SMS History Campaign SMS History Invoice Payment History

Masking CU Information Dashboard / My Masking (Cu)

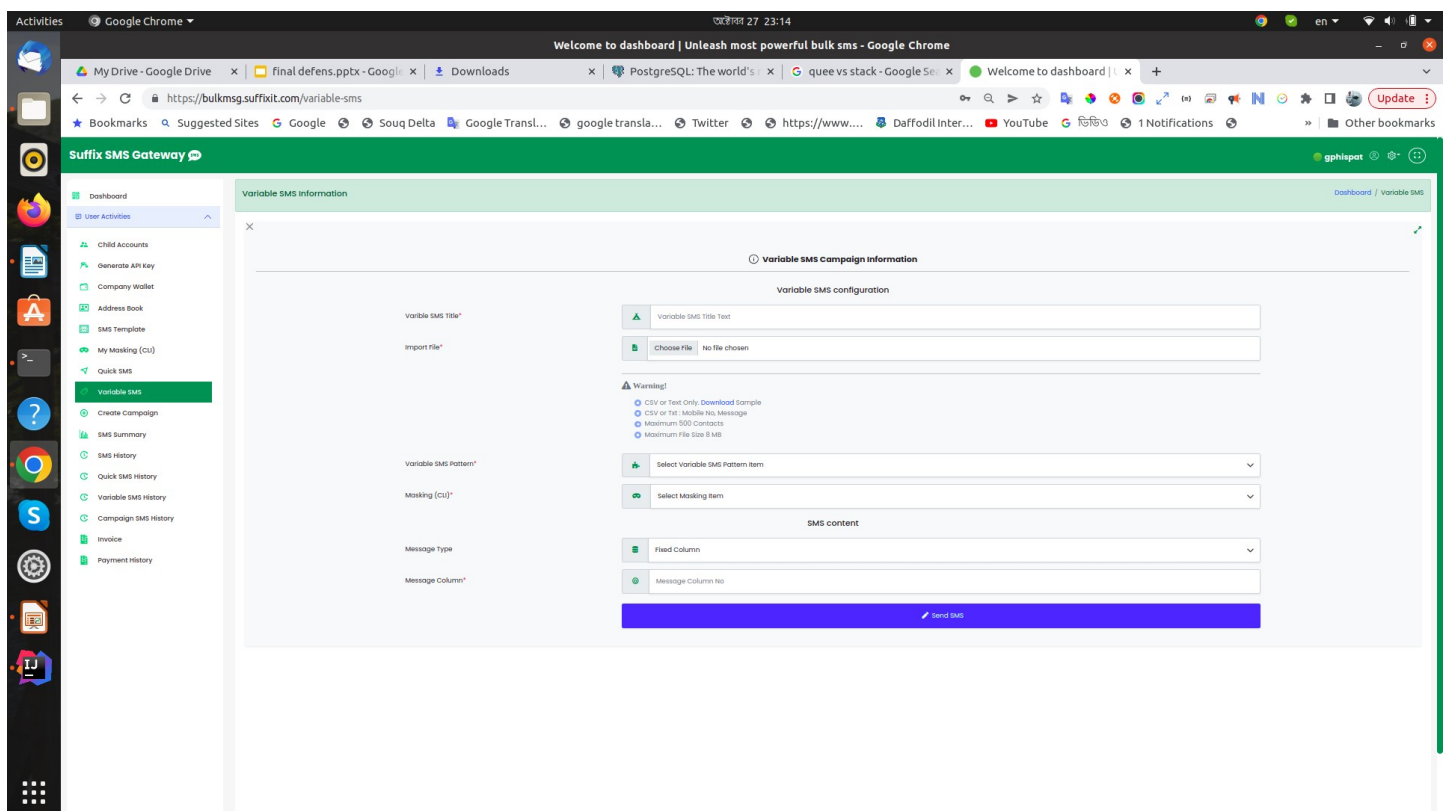
Masking CU Items Information

SN	Masking Address	Operator	Mobile Number	Masking Type	Status
1	0989spat	SAINDALURK	0989spat	MASKED	🟢
2	0989spat	ROBI	0989spat	MASKED	🟢
3	0989spat	TELETALK	0989spat	MASKED	🟢
4	0989spat	OP	0989spat	MASKED	🟢

6.1.8 Quick SMS



6.1.9 Variable SMS



7 Create Campaign

Activities Google Chrome 27 23:15

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Suffix SMS Gateway gphispot

Dashboard User Activities

- Child Accounts
- Generate API Key
- Company Wallet
- Address Book
- SMS Template
- My Masking (CU)
- Quick SMS
- Variable SMS
- Create Campaign
- SMS Summary
- SMS History
- Quick SMS History
- Variable SMS History
- Campaign SMS History
- Invoice
- Payment History

Create Campaigns Dashboard / Create Campaign

Create new campaign

Campaign configuration

Campaign Title* Campaign Title Text

Data Source* Select Data Source Item

Campaign Pattern* Send now Schedule date

SMS content

Select Masking Item

Write your message

Type message here...

Language: English

SMS Content

- Message Character: 0
- Message Count: 0
- Per Message Content: 160

Create New Campaign SMS

https://bulkmsg.suffixit.com/create-campaign

8 History.

Activities Google Chrome Welcome to dashboard | Unleash most powerful bulk sms - Google Chrome

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https://bulksms.suffit.com/sms-history

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Dashboard

User Activities

Child Accounts

Generate API Key

Company Wallet

Address Book

SMS Template

My Masking (CU)

Quick SMS

Variable SMS

Create Campaign

SMS Summary

SMS History

Quick SMS History

Variable SMS History

Campaign SMS History

Invoice

Payment History

SMS History

Search SMS History

mm/dd/yyyy Message Username Sender Receiver --SMS type-- Search Now

SMS History

SN	Message Type	Receiver	Sent Time	Message	Status
1	API_SMS	880783330909	2022-10-27, 10:59:10 PM	Delivery Confirmation Dear Customer. Your Delivery Of 35mt Against Do: 3100047691 Has Left Our Warehouse. Delivery Challan Number is : 8100073666	SENT
2	API_SMS	880783330909	2022-10-27, 10:49:03 PM	Delivery Confirmation Dear Customer. Your Delivery Of 5mt Against Do: 3100044736 Has Left Our Warehouse. Delivery Challan Number is : 8100073666	SENT
3	API_SMS	880783330909	2022-10-27, 10:52:23 PM	Delivery Confirmation Dear Customer. Your Delivery Of 13mt Against Do: 3100044565 Has Left Our Warehouse. Delivery Challan Number is : 8100073769	SENT
4	API_SMS	880783330909	2022-10-27, 10:16:28 PM	Delivery Confirmation Dear Customer. Your Delivery Of 5mt Against Do: 3100044596 Has Left Our Warehouse. Delivery Challan Number is : 8100073864	SENT
5	API_SMS	880783330909	2022-10-27, 10:12:27 PM	Delivery Confirmation Dear Customer. Your Delivery Of 5mt Against Do: 3100044708 Has Left Our Warehouse. Delivery Challan Number is : 8100073800	SENT
6	API_SMS	880783330909	2022-10-27, 10:10:26 PM	Delivery Confirmation Dear Customer. Your Delivery Of 10mt Against Do: 3100044705 Has Left Our Warehouse. Delivery Challan Number is : 8100073803	SENT
7	API_SMS	880783330909	2022-10-27, 9:59:08 PM	Delivery Confirmation Dear Customer. Your Delivery Of 13mt Against Do: 3100044519 Has Left Our Warehouse. Delivery Challan Number is : 8100073762	SENT
8	API_SMS	880783330909	2022-10-27, 9:40:54 PM	Delivery Confirmation Dear Customer. Your Delivery Of 5.75mt Against Do: 3100044527 Has Left Our Warehouse. Delivery Challan Number is : 8100073858	SENT
9	API_SMS	880783330909	2022-10-27, 9:39:48 PM	Delivery Confirmation Dear Customer. Your Delivery Of 5mt Against Do: 3100044586 Has Left Our Warehouse. Delivery Challan Number is : 8100073744	SENT
10	API_SMS	880783330909	2022-10-27, 9:27:05 PM	Delivery Confirmation Dear Customer. Your Delivery Of 13.5mt Against Do: 3100044504 Has Left Our Warehouse. Delivery Challan Number is : 8100073777	SENT
11	API_SMS	880783330909	2022-10-27, 9:21:14 PM	Delivery Confirmation Dear Customer. Your Delivery Of 13mt Against Do: 3100044511 Has Left Our Warehouse. Delivery Challan Number is : 8100073740	SENT
12	API_SMS	880783330909	2022-10-27, 9:18:25 PM	Delivery Confirmation Dear Customer. Your Delivery Of 13mt Against Do: 3100044566 Has Left Our Warehouse. Delivery Challan Number is : 8100073730	SENT
13	API_SMS	880783330909	2022-10-27, 9:12:51 PM	Delivery Confirmation Dear Customer. Your Delivery Of 8mt Against Do: 3100044581 Has Left Our Warehouse. Delivery Challan Number is : 8100073712	SENT
14	API_SMS	880783330909	2022-10-27, 9:10:51 PM	Delivery Confirmation Dear Customer. Your Delivery Of 13mt Against Do: 3100044555 Has Left Our Warehouse. Delivery Challan Number is : 8100073735	SENT
15	API_SMS	880783330909	2022-10-27, 9:09:19 PM	Delivery Confirmation Dear Customer. Your Delivery Of 5mt Against Do: 3100044579 Has Left Our Warehouse. Delivery Challan Number is : 8100073710	SENT
16	API_SMS	880783330909	2022-10-27, 8:39:12 PM	Delivery Confirmation Dear Customer. Your Delivery Of 6.5mt Against Do: 3100044544 Has Left Our Warehouse. Delivery Challan Number is : 8100073814	SENT
17	API_SMS	880783330909	2022-10-27, 8:37:50 PM	Delivery Confirmation Dear Customer. Your Delivery Of 1.5mt Against Do: 3100044537 Has Left Our Warehouse. Delivery Challan Number is : 8100073728	SENT
18	API_SMS	880783330909	2022-10-27, 8:35:26 PM	Delivery Confirmation Dear Customer. Your Delivery Of 8mt Against Do: 3100044535 Has Left Our Warehouse. Delivery Challan Number is : 8100073731	SENT
19	API_SMS	880783330909	2022-10-27, 8:31:08 PM	Delivery Confirmation Dear Customer. Your Delivery Of 8mt Against Do: 3100044437 Has Left Our Warehouse. Delivery Challan Number is : 8100073757	SENT
20	API_SMS	880783330909	2022-10-27, 8:22:57 PM	Delivery Confirmation Dear Customer. Your Delivery Of 27mt Against Do: 3100044527 Has Left Our Warehouse. Delivery Challan Number is : 8100073707	SENT

<< Previous 1 2 3 4 249 250 Next >>

Showing items 0 of 4998

CHAPTER-7

Project Summary

1. Limitations: Can not send SMS to Whats App.

2. Achievements and Obstacles:

Microservices architecture is very complex things. After system design we developed it and overcome all complex thing like high scaling the application.

3. Future Work:

Every Project have some future scope so that in features the application adds some new feature

1. Whats APP integration.

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3. <https://www.w3schools.com/> (Accessed on: 10-09-2022)