

Sri Lanka Institute of Information Technology



Assignment 1

MLB_02.02_08

Online Bill and Event Remainder

Internet and Web Technologies – IT1100

B.Sc. (Hons) in Information Technology

Group Details

Group Number: MLB_02.02_08

Project Title: Online Bill and Event Remainder

		Student Name
1		Ranaweera R A D S
2		Thambawita N N
3		Jayasundara J D
4		Methal A S A
5		Fernando R S

Table of Contents

1	Introduction	4
2	Personas	5
•	<i>1st Persona</i>	5
	Admin– Managing Website activities	5
•	<i>2nd Persona.....</i>	6
	Bill Manager– Managing finance transaction activities.....	6
•	<i>3rd Persona</i>	7
	Event Manager-Creating reminders for newly created events	7
•	<i>4th Persona.....</i>	8
	Inquiry Manager- Handling inquiries.....	8
•	<i>5th Persona</i>	9
	Financial User – Managing Financial activities	9
3	User Journeys.....	10
1)	User Journey-Manage Content	10
2)	User Journey-To-Do Transactions	10
3)	User Journey-To create Remainders.....	11
4)	User Journey-To solve inquiries	11
5)	User Journey-Budget Planning	12
4	Wire Frames.....	13
•	Home Page	13
•	Login Page	14
•	Dashboard Page	15
•	Profile Page	16
•	Events Page	17
•	Event Creation.....	18
•	Billing Page	19
•	Billing Page.....	20
•	Billing form.....	21
•	Budget Planner.....	22
•	Past Budgets.....	23
•	Inquiry Page	24
•	Inquiry Form.....	25
•	Past Inquiries.....	26
5	Individual Contribution	27

1 Introduction

As per the requirement of the IWT assignment, the Online bill and event remainder was given as the title. Bill Me is the name which has been chosen with the consent of fellow group members. This online bill and event remainder platform will consist of several functions in which a user can pay their bills, create event remainders, create budget plans for the month and ask questions related to this web application issues.

The vision of our Web Application is to make users remind themselves of their upcoming events and pay bills related and nonrelated to that event using the online portal method and include the budget plan of the user.

Our Web Application allows users to make calendar reminders for the upcoming event and mention the payments regarding those events. After that user will be reminded to make the payments as well as the event happening date and time. Also, our web application allows user to make their own budget plan for that specific event. It allows user to make utility payments too which make user work easy, and the user will be notified about the monthly payments as per the user mentioned in their profile.

The Web Application also features another option for admin users which will be provided an option to edit the content of each function and manage user and staff members.

HTML, CSS, PHP and JavaScript will be used as programming languages to build the proposed web application.

2 Personas

- 1st Persona

Admin– Managing Website activities

Online bill and Event Remainder-Manage Content	
	Name: Damian Perera
	Age: 30
"Highly skilled software engineer with a strong background in web development and a focus on administrative tasks. Leverage administrative abilities to manage and enhance website functionality."	Motivation: <ol style="list-style-type: none">1) Ensure effective website management.2) Provide the best possible user experience for web application visitors.3) Representing true accurate data.
	Goals: <ol style="list-style-type: none">1) To make a better-functioning web application2) To make a user-friendly web application.3) Prioritize web security.4) Provide technical support for the user.
	Technical Ability: <ol style="list-style-type: none">1) Marketing Strategies2) Expert in Python, C, C++, and Java programming languages.3) Content creation.4) Database management.

- **2nd Persona**

Bill Manager– Managing finance transaction activities

Online bill and Event Remainder-Manage Finance Transactions	
	Name: Chamid Karunaratne
	Age: 27
	Motivation: <ul style="list-style-type: none">1) Ensuring accuracy and efficiency in bill processing.2) Save user time with a user-friendly web application.3) Simplify the billing process.
	Goals: <ul style="list-style-type: none">1) To make the best transaction procedure for users.2) Allowing the user to authenticate3) Security of the transactions.
	Technical Ability: <ul style="list-style-type: none">1) Expert in Business Management side.2) Expert in Communication.

- 3rd Persona

Event Manager-Creating reminders for newly created events

Online bill and Event Remainder-CREATE REMAINDERS	
 A portrait photograph of Hashwani Fernando, a woman with blonde hair, wearing a black turtleneck top and large hoop earrings.	Name: Hashwani Fernando
	Age: 28
	Motivation: <ul style="list-style-type: none">1) To help users save time and reduce stress by providing a centralized platform for managing their events and reminders.
"Highly skilled and detail-oriented data analyst with a passion for organizing and managing events. Leverage data analysis expertise to ensure effective event planning and seamless communication with participants."	Goals: <ul style="list-style-type: none">1) To continuously improve the website through user feedback and introducing new features.
	Technical Skills: <ul style="list-style-type: none">1) Ability to design and manage the database.2) Ability to code programming languages.3) Data analytics skills.

- **4th Persona**

Inquiry Manager- Handling inquiries

Online bill and Event Remainder-Manage Content	
 A circular portrait of a woman with long brown hair, smiling. She is wearing a white t-shirt and a maroon cardigan.	Name: Divya Gamage
	Age: 25
	Motivation: <ul style="list-style-type: none">1) Analysis of complicated issues and solutions He takes pleasure in using his abilities to apply successful problem-solving techniques.
"Manager of Human Resources with a passion for delivering exceptional inquiry management services. Utilize HR knowledge to manage user inquiries, address their concerns, and provide them with valuable information efficiently and effectively."	Goals: <ul style="list-style-type: none">1) Give timely, accurate, and respectful solutions to ensure customer satisfaction. Technical Ability: <ul style="list-style-type: none">1) problem-solving.2) Strong communication,3) customer service.4) Teamwork and collaboration.

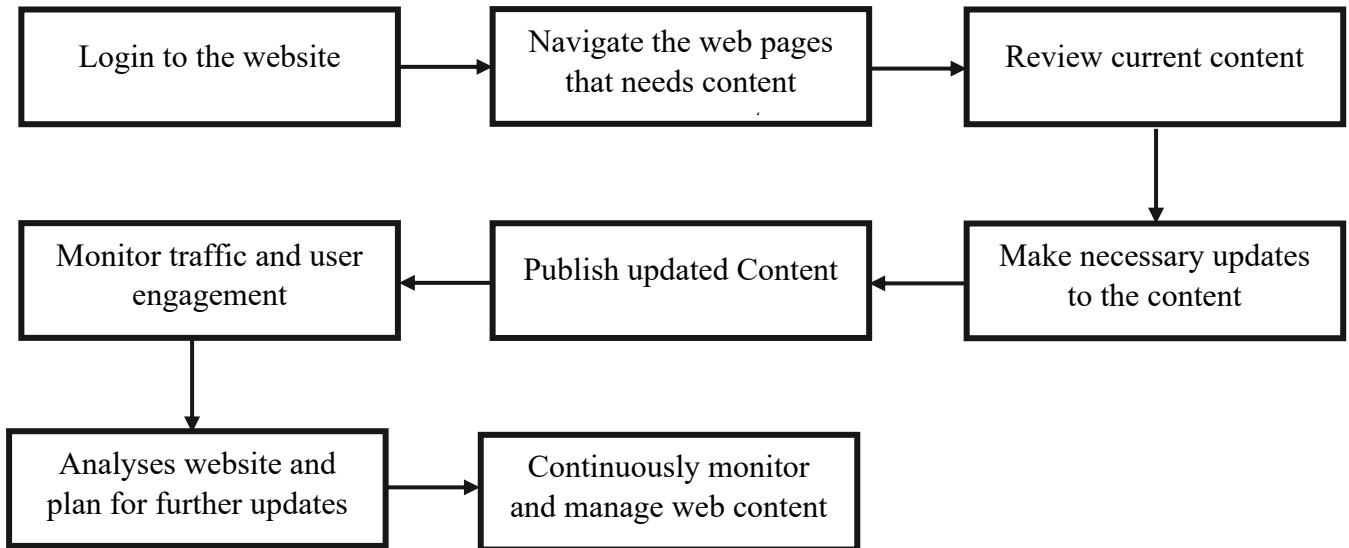
- **5th Persona**

Financial User – Managing Financial activities

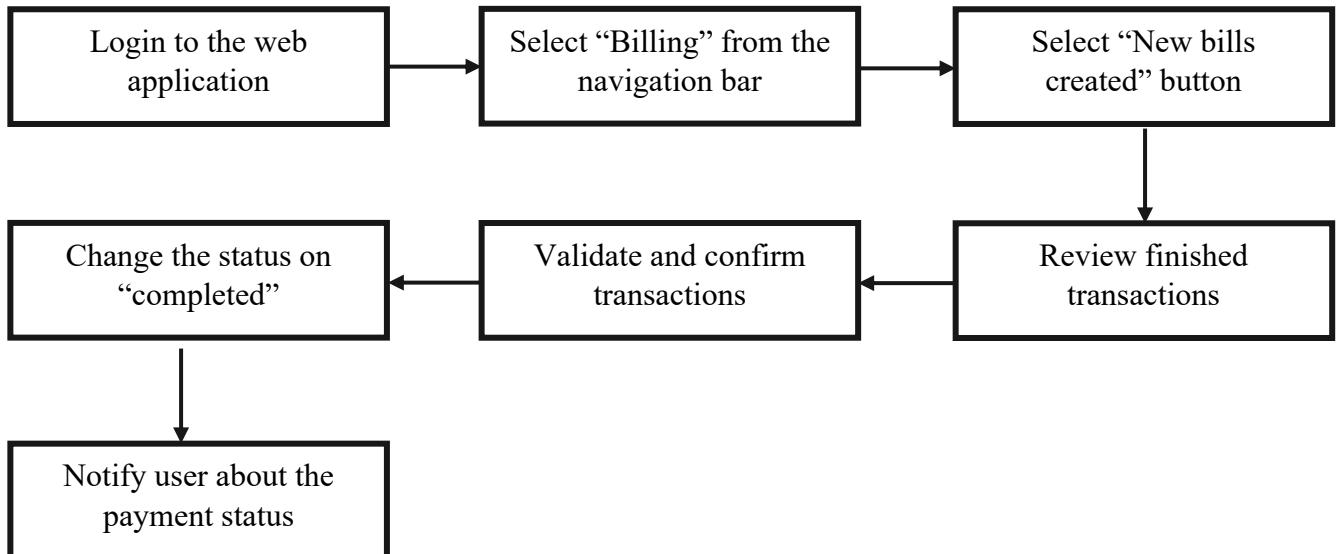
Online bill and Event Remainder-Manage Financial Content	
	Name: Sarah Johnson
	Age: 28
	Motivation: <ul style="list-style-type: none">1) Building a better future for herself
"Motivated by the desire to achieve financial stability and willing to make short-term sacrifices to achieve long-term goals but needs help with self-discipline and accountability."	Goals: <ul style="list-style-type: none">1) Get out of debt and save for a down payment on a house. Technical Ability: <ul style="list-style-type: none">1) Basic Computer Skills2) Internet Browsing3) Security awareness

3 User Journeys

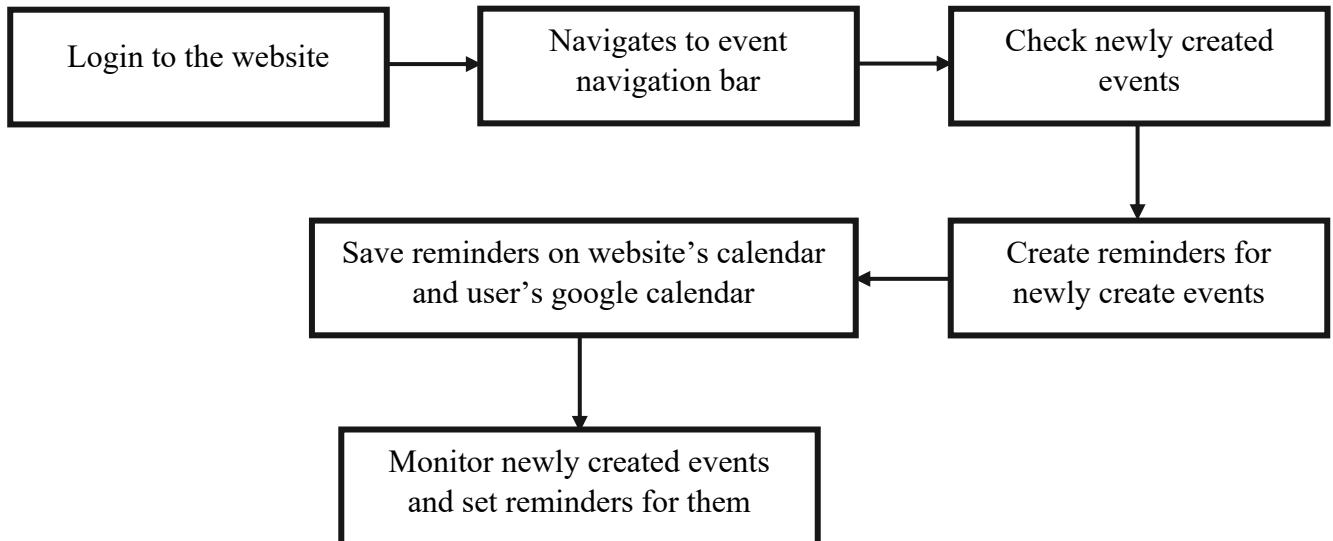
1) User Journey-Manage Content



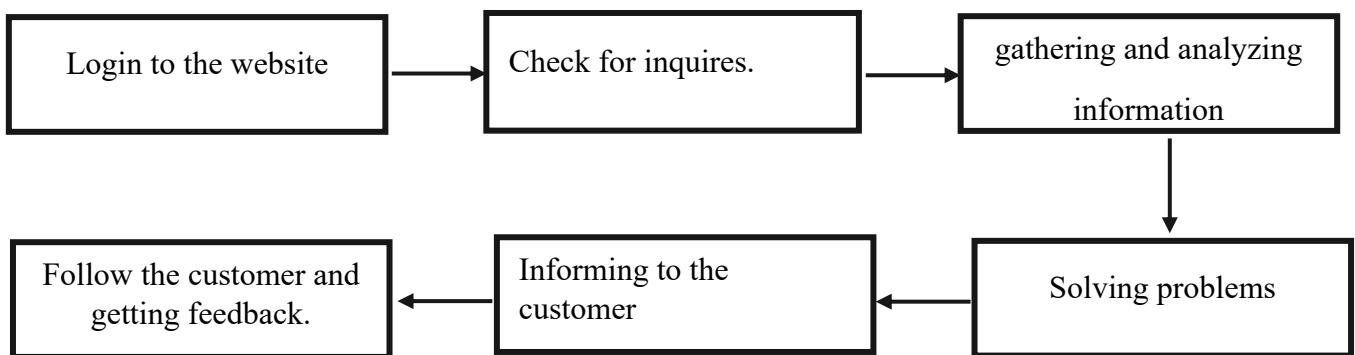
2) User Journey-To-Do Transactions



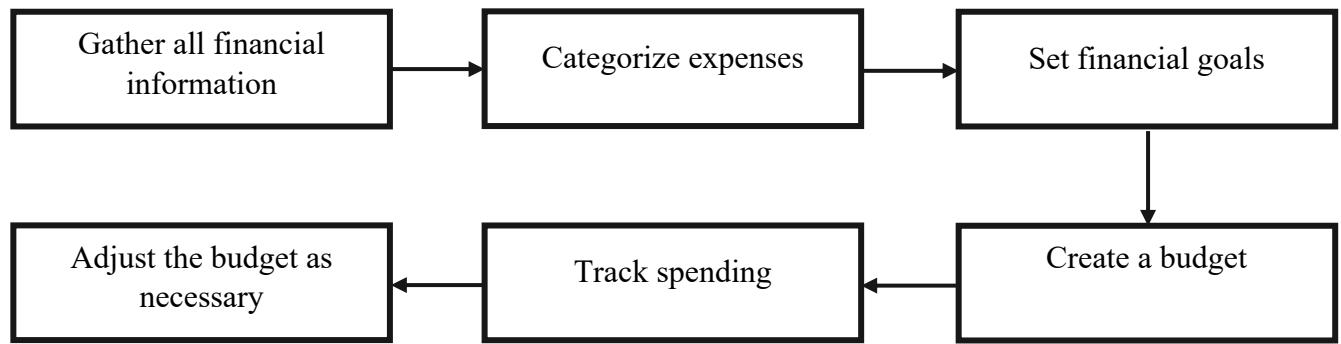
3) User Journey-To create Reminders



4) User Journey-To solve inquiries

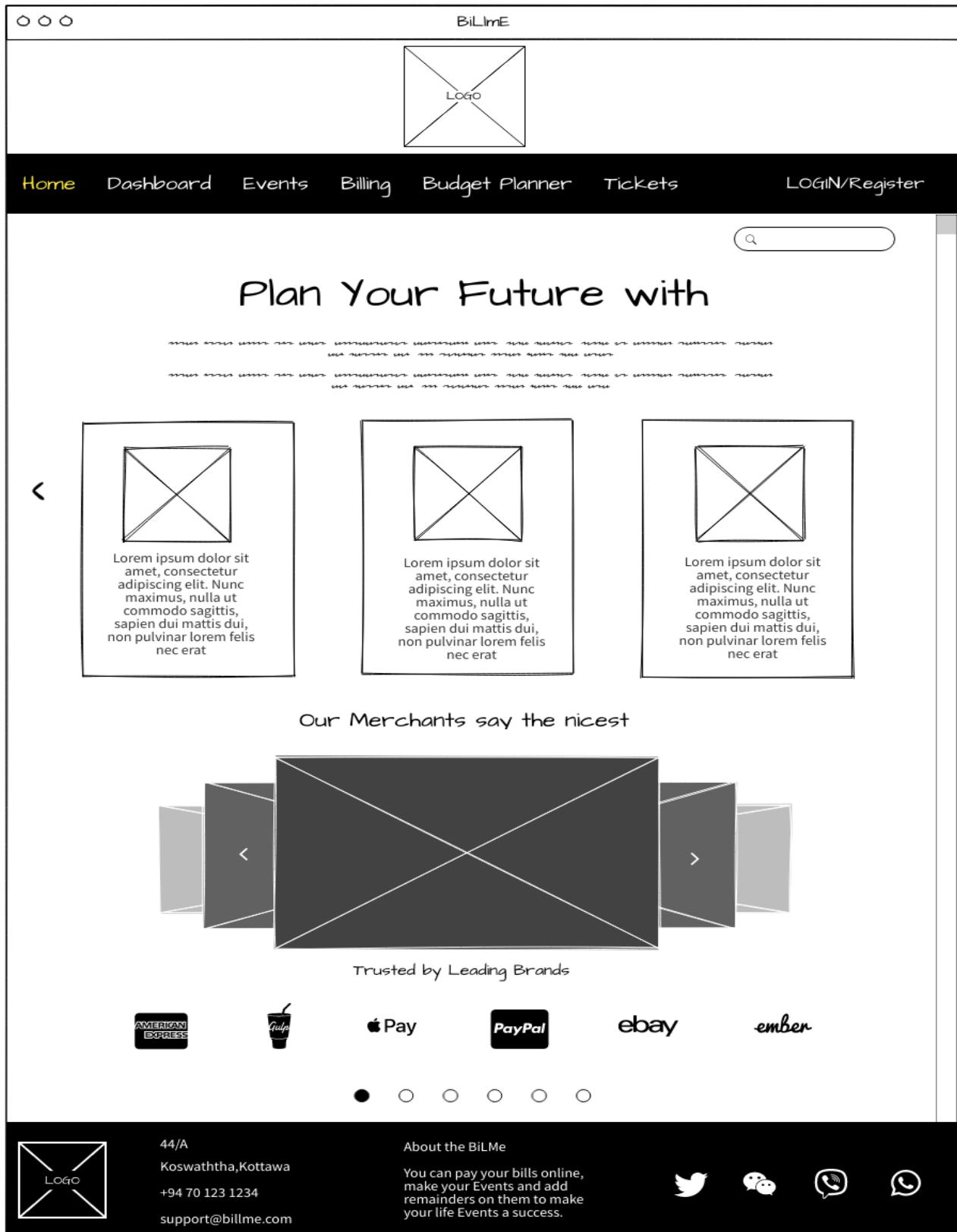


5) User Journey-Budget Planning



4 Wire Frames

- Home Page



The wireframe shows the layout of the BillMe home page. At the top is a header bar with three dots on the left and the word "BillMe" on the right. Below the header is a navigation bar with links for Home, Dashboard, Events, Billing, Budget Planner, Tickets, and LOGIN/Register. A search bar is located on the right side of the navigation bar. The main content area features a title "Plan Your Future with" followed by three cards, each containing a logo and placeholder text. Below the cards is a section titled "Our Merchants say the nicest" with a large central logo and smaller logos for American Express, Gulp, Apple Pay, PayPal, ebay, and ember at the bottom. The footer contains the BillMe logo, address (44/A Koswaththa, Kottawa), phone number (+94 70 123 1234), email (support@billme.com), and a link to "About the BillMe". It also includes social media icons for Twitter, Facebook, and WhatsApp.

BillMe

Home Dashboard Events Billing Budget Planner Tickets LOGIN/Register

Plan Your Future with

< >

Logo

Logo

Logo

Placeholder text: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nunc maximus, nulla ut commodo sagittis, sapien dui mattis dui, non pulvinar lorem felis nec erat.

Placeholder text: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nunc maximus, nulla ut commodo sagittis, sapien dui mattis dui, non pulvinar lorem felis nec erat.

Placeholder text: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nunc maximus, nulla ut commodo sagittis, sapien dui mattis dui, non pulvinar lorem felis nec erat.

Our Merchants say the nicest

Trusted by Leading Brands

AMERICAN EXPRESS Gulp Apple Pay PayPal ebay ember

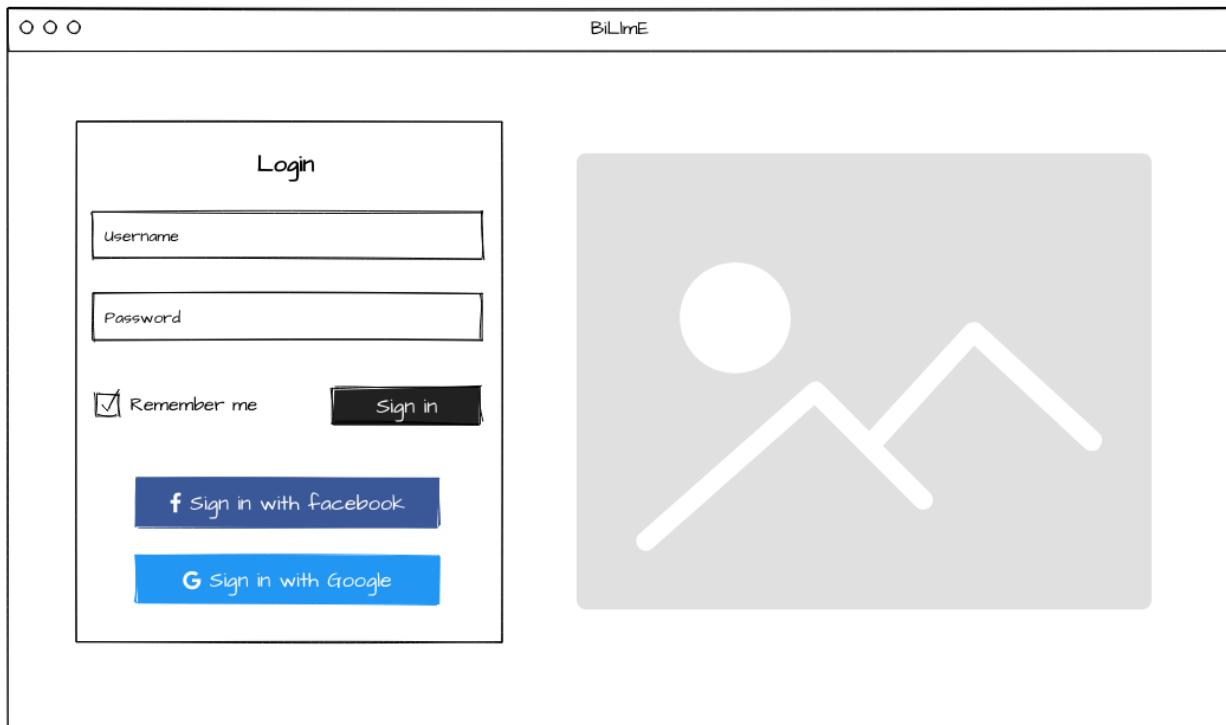
● ○ ○ ○ ○ ○

44/A
Koswaththa, Kottawa
+94 70 123 1234
support@billme.com

About the BillMe
You can pay your bills online, make your Events and add remainders on them to make your life Events a success.

- Login Page



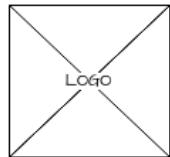
- Dashboard Page

The dashboard page wireframe is organized into several main sections:

- Top Bar:** Features three dots on the left, the brand name "BiLmE" on the right, and a placeholder logo box in the center.
- Navigation Bar:** Includes links for Home, Dashboard (which is highlighted), Events, Billing, Budget Planner, and Tickets, along with user and notification icons.
- Key Metrics:** Three large boxes displaying statistics: "500+" Registered Users, "300+" Transactions currently Happening, and "100+" Active User currently.
- Bill Summary:** A grey box containing a sun icon and a line graph, with the text "My bills due today" and "Water bill" below it, and a "View more" button.
- Event Summary:** A white box containing a grid of small event icons, with the text "My events happening today" and "Maya's Wedding" below it, and a "View more" button.
- Bottom Navigation:** Six small circular icons for navigation.
- Footer:** Contains the logo, address (44/A Koswaththa, Kottawa), phone number (+94 70 123 1234), email (support@billme.com), an "About the BiLmE" section, and social media links for Twitter, Facebook, and WhatsApp.

- **Profile Page**

○ ○ ○ BiLMe



Home Dashboard Events Billing Budget Planner Tickets



User Profile



Change

Name : Samandi Perera

DOB : 1999/05/09

Email : samandip@02.gmail.com

Contact Number: 0701260526

Password : *****

Change Password

If suspicious activity found
please change your password

Save Changes

User Details

Name: Samandi Perera
Last Login: 21st May 2023
Last Login Location: Colombo



44/A
Koswaththa,Kottawa
+94 70 123 1234
support@billme.com

About the BiLMe
You can pay your bills online,
make your Events and add
remainders on them to make
your life Events a success.



- Events Page

The wireframe shows the layout of the BiLMe Events Page. At the top, there is a header bar with three dots on the left and the BiLMe logo on the right. Below the header is a navigation bar with links: Home, Dashboard, **Events**, Billing, Budget Planner, and Tickets. To the right of the navigation bar are user profile and notification icons. A large button labeled "Add an Event" is positioned on the right side of the main content area. Below this, a dropdown menu is labeled "Select the date/event". On the left, a box titled "Today's Events" displays the message "No any events". On the right, a calendar for May 2023 shows the date 10th highlighted in blue. At the bottom, there is a footer section with the BiLMe logo, contact information (address: 44/A Koswaththa, Kottawa, phone: +94 70 123 1234, email: support@billme.com), an "About the BiLMe" section, and social media icons for Twitter, Facebook, and WhatsApp.

Today's Events

No any events

11th May

Maya's Birthday
Pay wedding cakes
Water Bill

May 2023						
SUN	MON	TUE	WED	THU	FRI	SAT
29	30	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	1	2
3	4	5	6	7	8	9

○
○
●
○
○
○



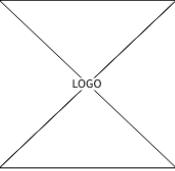
44/A
Koswaththa, Kottawa
+94 70 123 1234
support@billme.com

About the BiLMe

You can pay your bills online, make your Events and add reminders on time to make your life Event success.

- **Event Creation**



[Home](#) [Dashboard](#) [Events](#) [Billing](#) [Budget Planner](#) [Tickets](#)
User icon
Bell icon

Event

Description

Location

Event Documents

Drag and drop files here to upload
(or)

Date

Save Remainder
Please Turn on to create Reminders on the calendar

I'm not a robot 

○ ○ ● ○ ○ ○



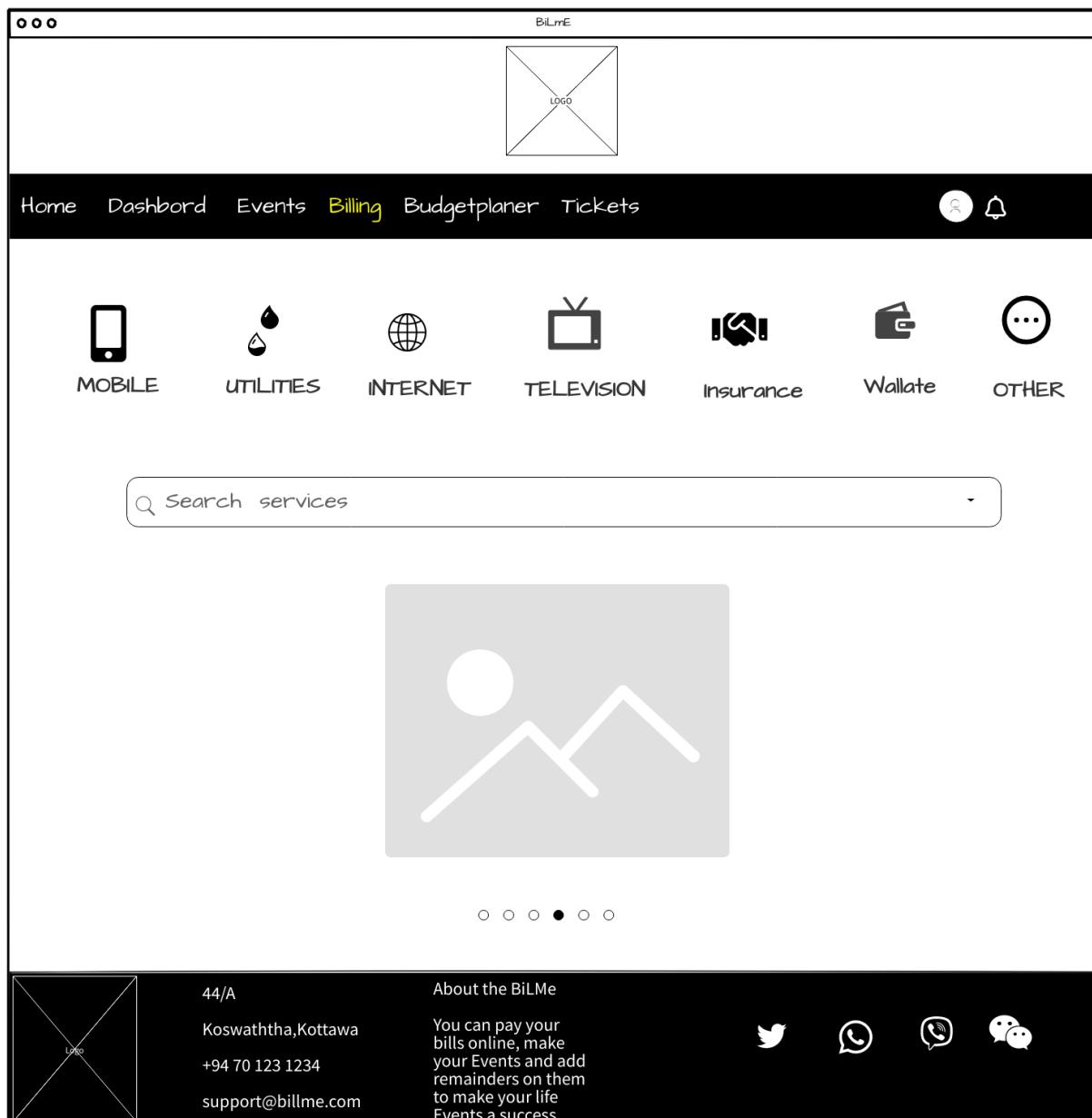
44/A
Koswattha,Kottawa
+94 70 123 1234
support@billme.com

About the BiLmE

You can pay your bills online, make your Events and add reminders on time to make your life Event success.

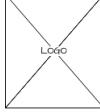
- **Billing Page**



- **Billing Page**

○ ○ ○ BiLmE

Home Dashboard Events Billing Budget Planner Ticket

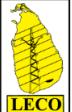


Logo































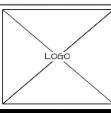


44/A
Koswatththa, Kottawa
+94 70 123 1234
support@billme.com

About the BiLmE

You can pay your bills online, make your Events and add remainders on them to make your life

• Billing form



BiLMe

[Home](#) [Dashboard](#) [Event](#) **Billing** [Budget Planner](#) [Tickets](#)
Q 🔔

Enter Your Details

Name: First Last

E-mail:

Address: Street Address
 Street Address 2

City State / Province

Postal / Zip Code Select Country

Enter Customer and Invoice Information

Customer's name:

Customer's E-mail:

Address: Street Address
 Street Address 2

City State / Province

Postal / Zip Code Select Country

Invoice Number:

Date: 12 May 2016

Enter Payment Details

Amount: Rs.

Payment Details: Cardholder's Name
 Card Number

Expiry

<input type="text"/> MM/YYYY	<input type="text"/> CVC
<input type="text"/> Code	<input type="text"/> Phone Number

I'm not a robot


 reCAPTCHA



44/A
Koswaththa,Kotta
wa
+94 70 123 1234

About the BiLMe

You can pay your bills online, make your Events and add remainders on them



- **Budget Planner**

BiLmE

LOGO

Home Dashboard Events Billing Budget Planner Tickets

LOGO

Input Monthly Incomes

Input your expences

Input Spending limit for a month

Create a Budget plan

Income Spending Limit Expences

48
46
44
42
40
38
36
34
32
30

Month 1 Month 2 Month 3

View Past Budgets

44/A
Koswattha, Kottawa
+94 70 123 1234
support@billme.com

About the BiLLmE
You can pay your bills online, make your Events and add remainders on them to make your life Events a success.

- Past Budgets



- Inquiry Page

The screenshot shows the inquiry page of the BiLMe website. At the top, there is a header with the BiLMe logo and navigation links: Home, Dashboard, Events, Billing, Budgetplaner, and Tickets. Below the header is a search bar containing the placeholder text "HOW CAN I HELP YOU?". To the right of the search bar is a button labeled "Create a Ticket". In the center of the page is a large, light gray placeholder image featuring a white sun icon and a white mountain range icon. Below this image is a box containing the text "Welcome to BiLMe support" and a message encouraging users to search for information or contact via the "Contact Us" form. At the bottom of the page is a footer with the BiLMe logo, address (44/A Koswaththa, Kottawa), phone number (+94 70 123 1234), email (support@billme.com), and social media links for Twitter, Facebook, WhatsApp, and Telegram.

BiLMe

Logo

Home Dashboard Events Billing Budgetplaner Tickets

HOW CAN I HELP YOU?

Create a Ticket

Welcome to BiLMe support

If you are seeking for information please type in the key words in the search bar. Should you wish to connect with us please fill the Contact Us form. We are constantly updating this site to provide up-to-date.

○ ○ ○ ○ ●

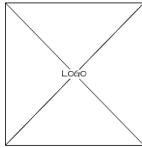
44/A
Koswaththa, Kottawa
+94 70 123 1234
support@billme.com

About the BiLMe

You can pay your bills online, make your Events and add remainders on them to make your life Events a success.

Twitter Facebook WhatsApp Telegram

- **Inquiry Form**



Home
Dashboard
Events
Billing
Budgetplaner
Tickets

 customer support

Name

Reference number

E mail

Contact

Request/inquiry type

Subject

message



Drop file here or [click here to upload](#)

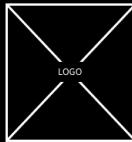
Add attachment

I'm not a robot 

send a copy to Email

summit cancel

○ ○ ○ ○ ○ ●



44/A
Koswaththa,Kottawa
+94 70 123 1234
support@billme.com

About the BiLMe

You can pay your bills online, make your Events and add remainders on them to make your life Events a success.






- **Past Inquiries**

The image shows a mobile application interface for BillMe. At the top, there is a header bar with the BillMe logo and a navigation menu containing Home, Dashboard, Events, Billing, Budgetplaner, and Tickets. The Tickets option is highlighted in yellow. Below the header is a search bar labeled "my tickets". To the right of the search bar is a button labeled "Submit a Ticket". On the left side of the screen, there is a placeholder box for ticket details. To the right of the search bar is a table titled "Search Tickets" with columns for Refinance Number, Subject, Category, and Date Created. The table has five rows, each with a different background color. At the bottom of the screen, there is a footer bar with the BillMe logo, address (44/A Koswaththa, Kottawa), phone number (+94 70 123 1234), email (support@billme.com), and a "About the BiLMe" section. The "About the BiLMe" section contains text about paying bills online, creating events, and adding remainders. To the right of the text are icons for social media platforms: Twitter, Facebook, WhatsApp, and Telegram.

BiLMe

Home Dashboard Events Billing Budgetplaner **Tickets**

my tickets

Submit a Ticket

Search Tickets

Refinance Number	Subject	Category	Date Created

44/A
Koswaththa, Kottawa
+94 70 123 1234
support@billme.com

About the BiLMe

You can pay your bills online, make your Events and add remainders on them to make your life Events a success.

5 Individual Contribution

		Student Name	Individual Contribution
1		Ranaweera R A D S	<ul style="list-style-type: none"> • Persona: Admin • User Journey: Managing Content • Wireframe: Home page User Profile Login Page Dashboard
2		Thambawita N N	<ul style="list-style-type: none"> • Persona: Billing manager • User Journey: Manage financial transactions • Wireframe: Billing Page Billing types Billing form
3		Jayasundara J D	<ul style="list-style-type: none"> • Persona: Inquiry Manager • User Journey: Managing Content • Wireframe: Inquiry Page Inquiry Form Past Inquiries
4		Methal A S A	<ul style="list-style-type: none"> • Persona: Financial User • User Journey: Creating a budget • Wireframe: Budget planer page Budget history
5		Fernando R S	<ul style="list-style-type: none"> • Persona: Event manager • User Journey: Managing events • Wireframe: Event page Event creation