

Sri Lanka Institute of Information Technology



Assignment 1

MLB_09.01_07

- Automated Parking System -

2022

Internet and Web Technologies – IT1100

B.Sc. (Hons) in Information Technology

Group Details

Group Number: MLB_09.01_07

Project Title: Automated Parking System

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1	IT21175398	Godage D.N.P	it21175398@my.sliit.lk	071-5589299
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3	IT21174612	De Davin G.G.P.N	it21174612@my.sliit.lk	071-4044749
4	IT21176210	Asmitha Thiraviyarasa	it21176210@my.sliit.lk	077-7189479
5	IT21176142	Abiramy Kumaresan	it21176142@my.sliit.lk	076-5767994

1 Introduction

This automated parking system website is dedicated for customers to check available parking areas and book them for a limited time. We have also enhanced our service to get feedback from the customers to make the service more user-friendly and efficient.

As you study, you will find that through this web page we have tried to give our best to our customers. We have enhanced the service to provide customers with the solution to the lack of parking spaces in modern cities. This web page contains information about our organization, User account management area, Arrival and departure times, Activity log area, easy "Contact Us" a friendly rating area to rate your site experience, and many more.

We have given priority to the charm and simplicity of the design of this web page, and we have worked to make it easier for customer use. We decided to make this web page look nice and simple, but we have developed this web page to make the interior very intricate and provide all the services that customers need through this web page. Finally, through this automated parking management system web page, we have tried to do everything we can to give our customers the maximum ease of getting a safe parking spot for their sweet ride.

2 Personas

- Senior Manager

Kumar Fernando

Leader

Hard Worker

Social

Age: 40

Work: Senior Manager

Family: Married, 2 Kids

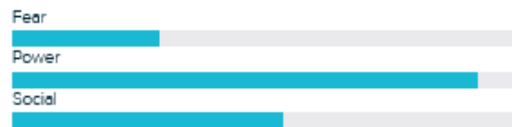
Location: Kandy, Sri Lanka

Character: The Leader



"Monitor the individuals under me and navigate to success by taking corrective actions when necessary"

Motivation



Goals

- Make sure the system is functioning and meet the needs of the organization
- Plan and direct individuals who under him
- Monitor work and takes corrective actions when necessary

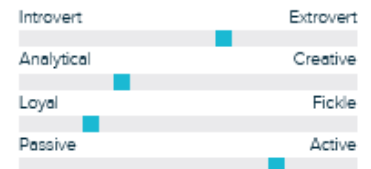
Frustrations

- Too much responsibility
- High pressure from executives

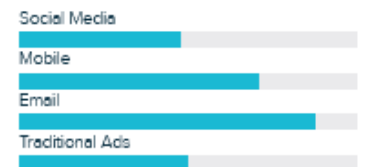
Bio

Kumar is "The Leader" who is responsible for monitoring work and taking corrective actions when necessary. He has high positive feedback from previous customers. And, he's proven he's a great leader many times by guiding his team to success. He is a family man. He loves to spend time with his family whenever he can.

Personality



Preferred Channels



Brands



BOSS



- Cyber Security Specialist

Clark Andrews

Friendly

Clever

Go-Getter

Age: 32

Work: Cyber Security Specialist

Family: Single

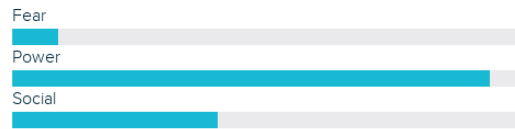
Location: Colombo, Sri Lanka

Character: The Knight



"I like users to feel at ease & protected online "

Motivation



Goals

- To Protect website from cyber crimes
- Update and check website security regularly
- To set goals and see and make positive impacts on his life

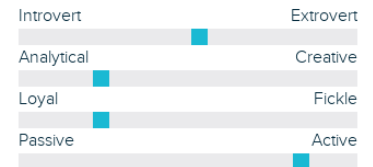
Frustrations

- Getting bored with outdated technology
- Too much time at work
- Less time to go on vacation

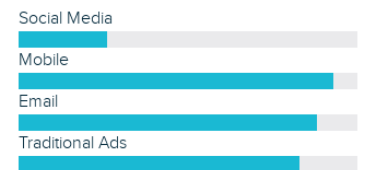
Bio

Clark is a Cyber security specialist, "The Knight" and for the past couple years, has been very interested in tracking aspects of his health and performance. Clark wants to track his mood, happiness, sleep quality and how his eating and exercise habits affects his well being. Although he only drinks occasionally with friends on the weekend, he would like to travel when he is free.

Personality



Preferred Channels



Brands



- Web Editor

Angela Diaz

Friendly Creative

Quick Worker

Age: 28

Work: Web Editor

Family: Single

Location: Manila, Philippines

Character: The Editor



"I like to deliver user the most eye catching site to help their decisions"

Motivation



Goals

- Develop and maintain the website
- To update new information and keep it use friendly
- To find projects that interest her

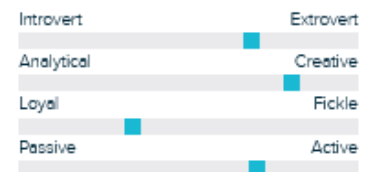
Frustrations

- Too much time at work
- Delayed increment in salary

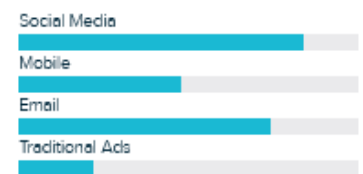
Bio

Angela is a Web editor "The Editor" who is reputed for her style of web developing and maintaining. A creative individual when it comes to websites or personal life. Angela is a caffeine junkie. she always enjoys a cup of coffee while working on projects, she loves to grab fast food when she is free.

Personality



Preferred Channels



Brands



TITAN



- Customer #1

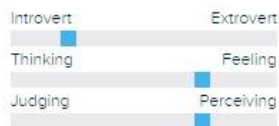
Sakshi choi



"Be sure that whatever you are is you."

Age: 35
Work: Motivational Speaker
Family: Married
Gender: Female
Location: Colombo, SriLanka

Personality



Ambitious

Reliable

Educated

Goals

- To lookout for free/subsidized parking spots for regular parking habits.
- To be able to plan her destinations ideally with parking arrangements for her to avoid walking after having parked her vehicle.

Frustrations

- Clueless about where to park her car whenever she reaches a destination and in a hurry
- Loss of time finding any vacant parking spot in commercial buildings as planned schedule was disrupted by bottleneaking at the parking lot.

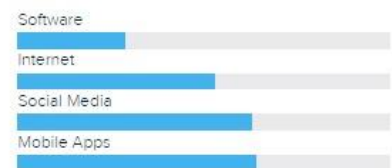
Bio

Sakshi is a motivational speaker, and she has to travel most of the IT companies in SriLanka for sales training and for motivation program, she used to drive her car ownself. She want to park her car near by lift area where can commute to lift easily. She is always in hurry as she has to take care of her kids also.

Motivations

- To be notified of the time left for her parked vehicle in the parking spot
- convenience of usage
- Modern visual style
- System integration

Preferred Channels



Brands & Influencers



Activat
Gate 5

- Customer #2

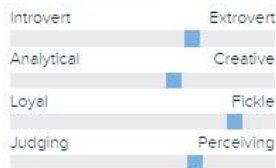
JOHN ANDREWS



"Style is a reflection of your attitude of your attitude and your personality"

Age: 26
Work: Project Manager
Family: Married
Gender: Male
Location: London

Personality



Organized Practical Protective
Hardworking

Goals

- To avail convenience in parking his vehicle during rush hours
- To ensure safety of his vehicle by having to park his vehicle in well-facilitated parking spaces
- To be made aware of the time spent in paid parking spots, for accountability of the payment that would be made for the parking facility.

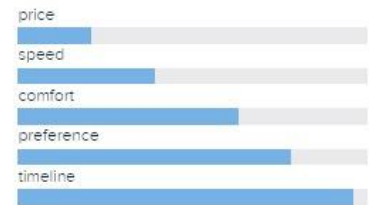
Frustrations

- Inconsistency
- Complex Application
- Unnecessary Walking

Bio

He is a 26 year old project Manager, working for a technology services company for the past 2 years. He owns a motorbike while occasionally borrowing his elder brother's car to hang around within the city's limits over the weekends. He stays quite far from his office.

Motivation



Preferred Channels



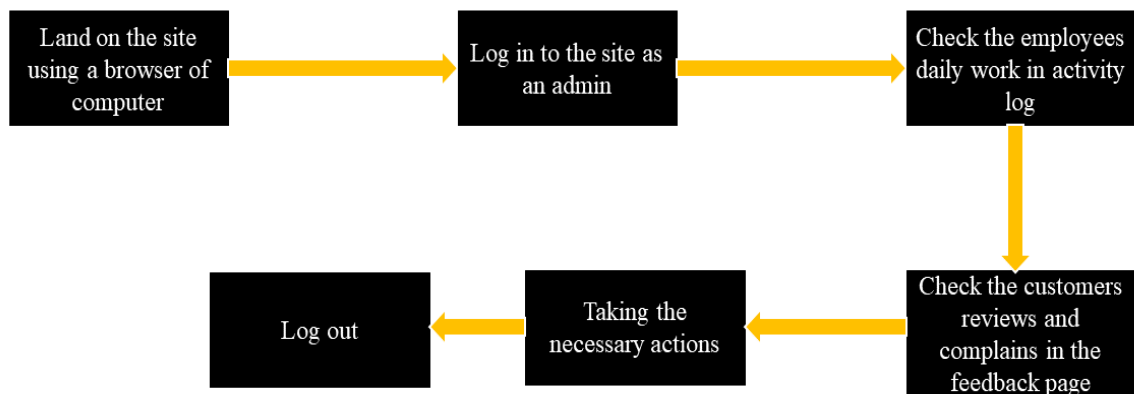
Brands & Influencers

asos Google sony
Go to Se

3 User Journeys

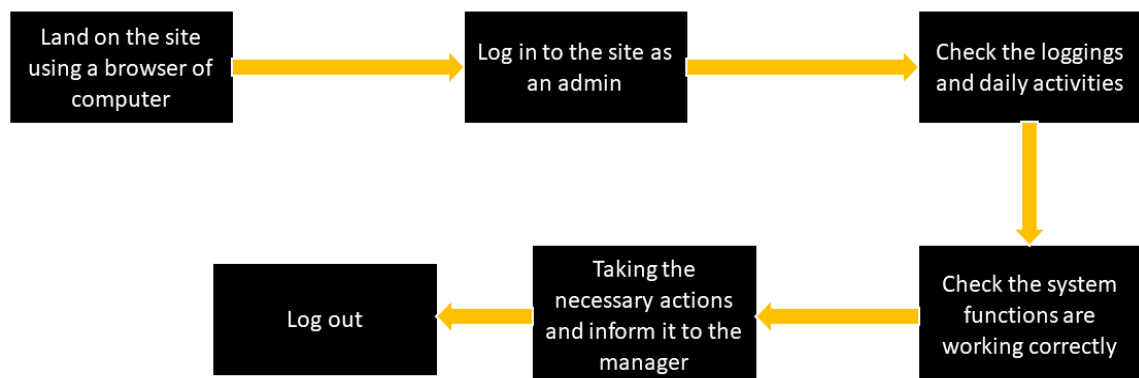
Kumar Fernando – Senior Manager

- *Goal – Monitor works and takes suitable actions when necessary.*



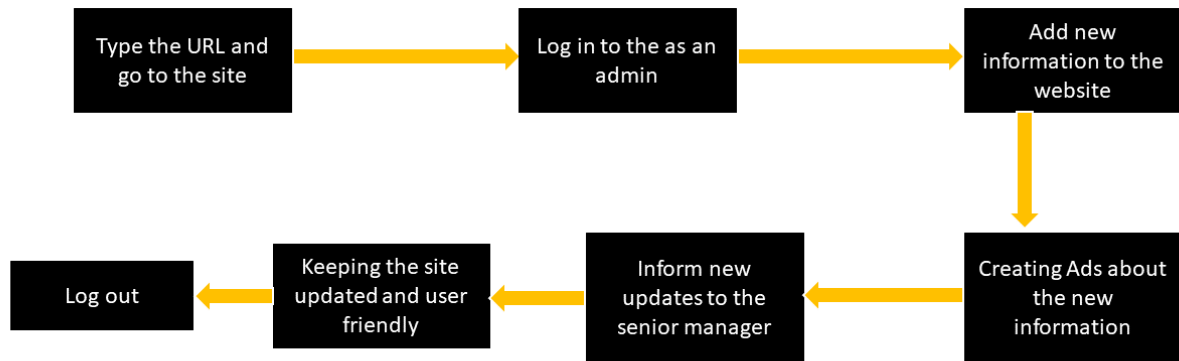
Clark Andrews

- *Goal –Update and check website security regularly.*



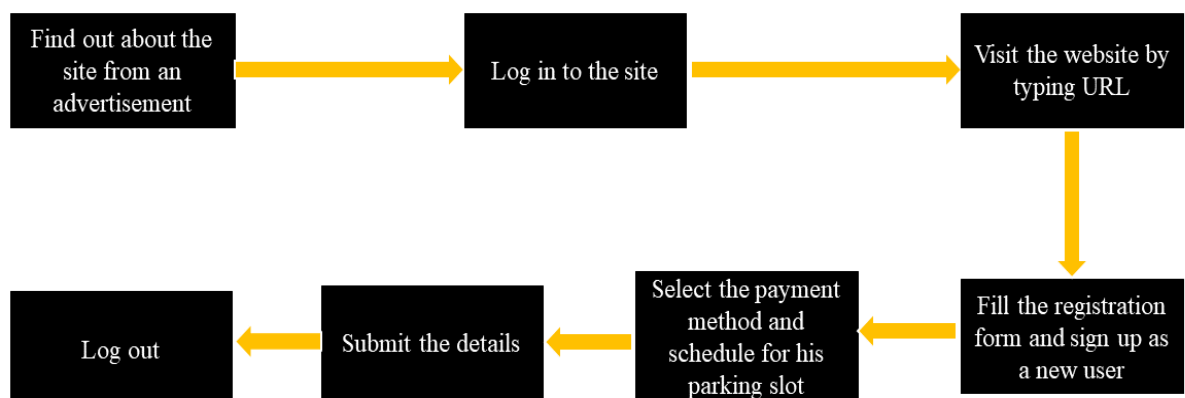
Angela Diaz – Web Editor

Goal – Development and maintenance of the website.



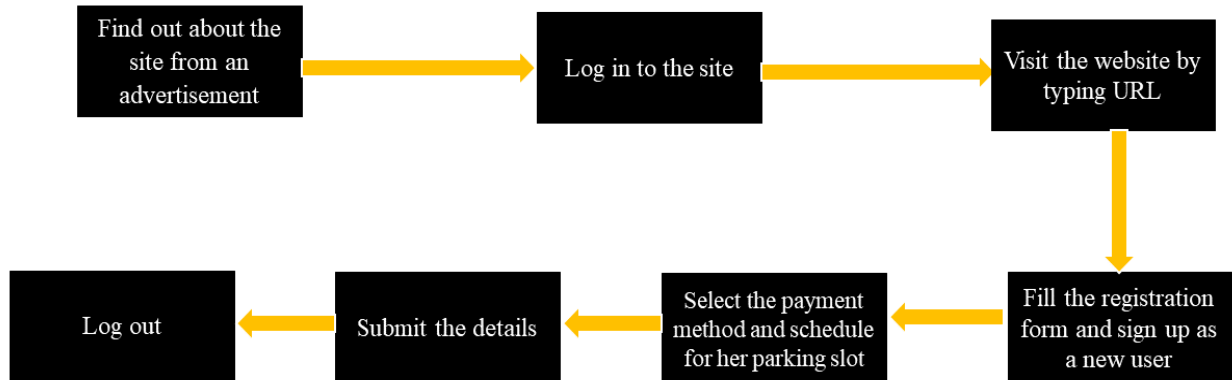
JOHN ANDREWS - User

- **Goal – Looking for parking facility for a less price and good customer service.**



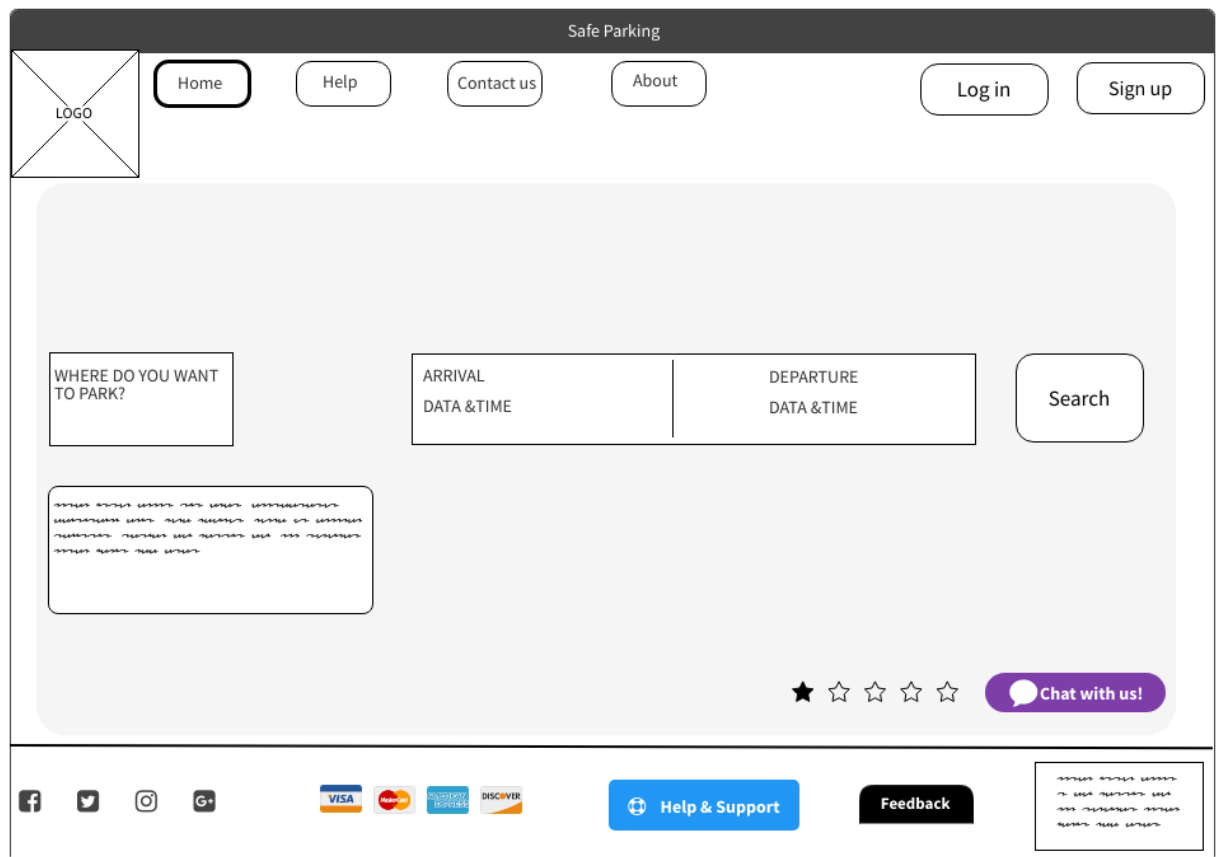
Sakshi Choi – New user

- *Goal - Looking for parking facility for a less price and good customer service.*

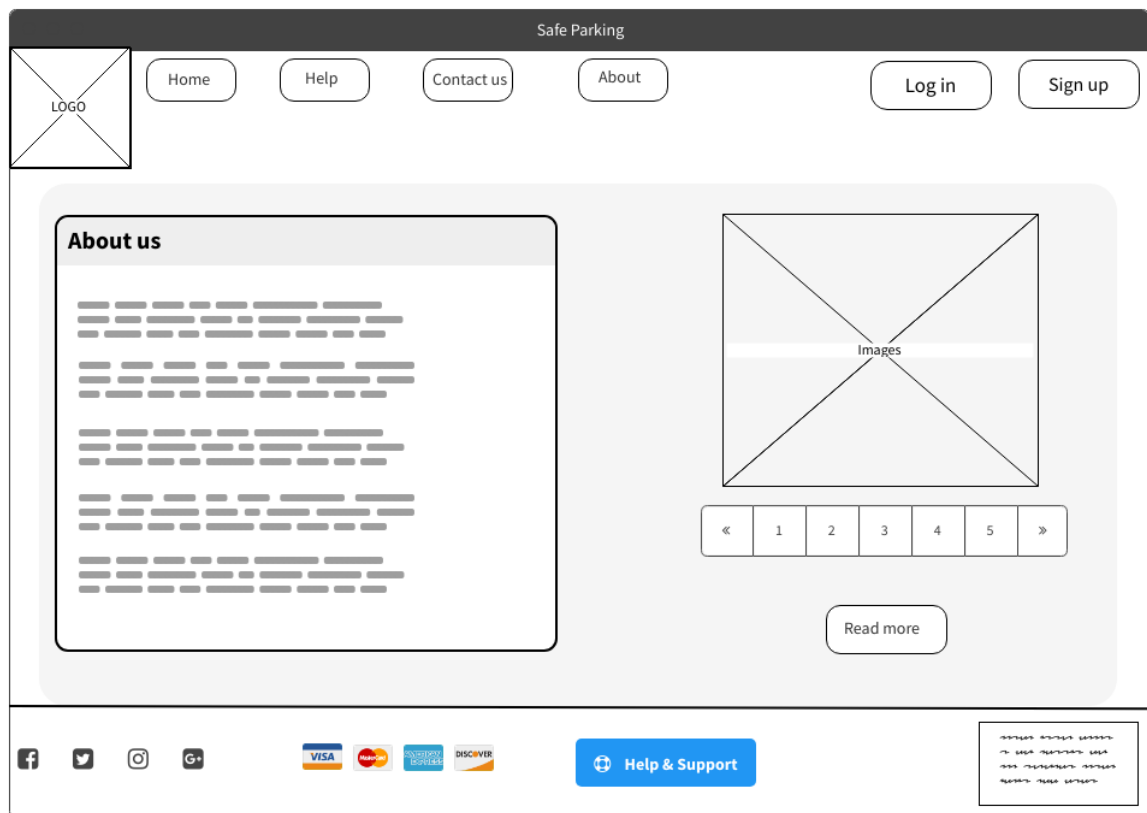


4 Wire Frames

- Home Page



- About us Page



- Sign up Page

Safe Parking

LOGO

Home

Help

Contact us

About

Log in

Sign up

First name

Last name

Username

@

City

State

Zip

Choose..

☐

Agree to terms and conditions

Submit form

★ ☆ ☆ ☆ ☆

Chat with us!

f

t

@

G+

VISA

MasterCard

AMERICAN EXPRESS

DISCOVER

Help & Support

Feedback

- Login Page

Safe Parking

LOGO

Home

Help

Contact us

About

Log in

Sign up

Enter your email and password

Email

Password

Send

Forgot your Password

Continue with Google

Continue with Facebook

★ ☆ ☆ ☆ ☆

Chat with us!

f

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@

G+

VISA

MasterCard

AMERICAN EXPRESS

DISCOVER

Help & Support

Feedback

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- My Account Page

Safe Parking

LOGO

Home

Help

Contact us

About

User Name

Log out

My account

My account

Car park booking

Parking meter tickets

First name

Last name

Username

City

State

Zip

☒ I want to receive news and promotions from Safe Parkir

Reset password

Add new vehicle

Delete my account

★ ☆ ☆ ☆ ☆

Rate us

Chat with us!

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+

VISA

MasterCard

AMERICAN EXPRESS

DISCOVER

Help & Support

Feedback

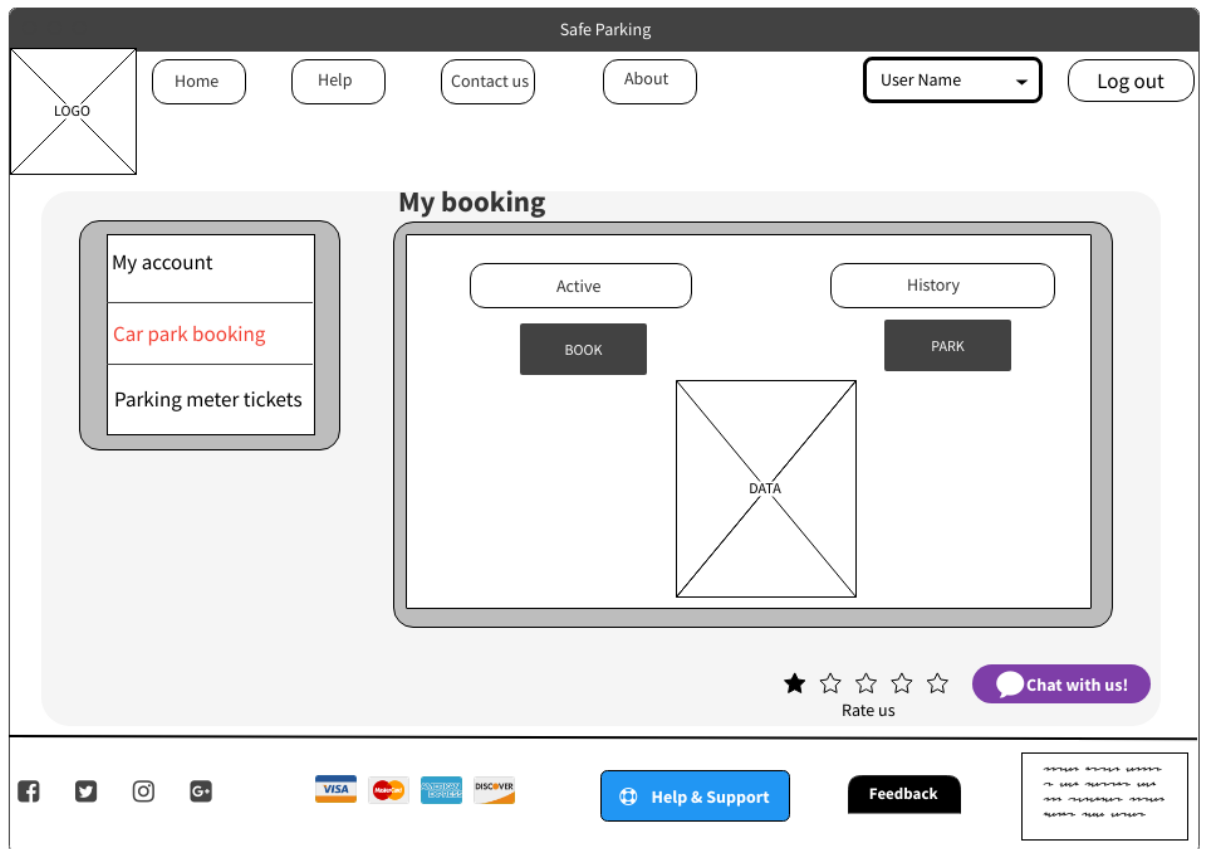
Safe Parking

Safe Parking

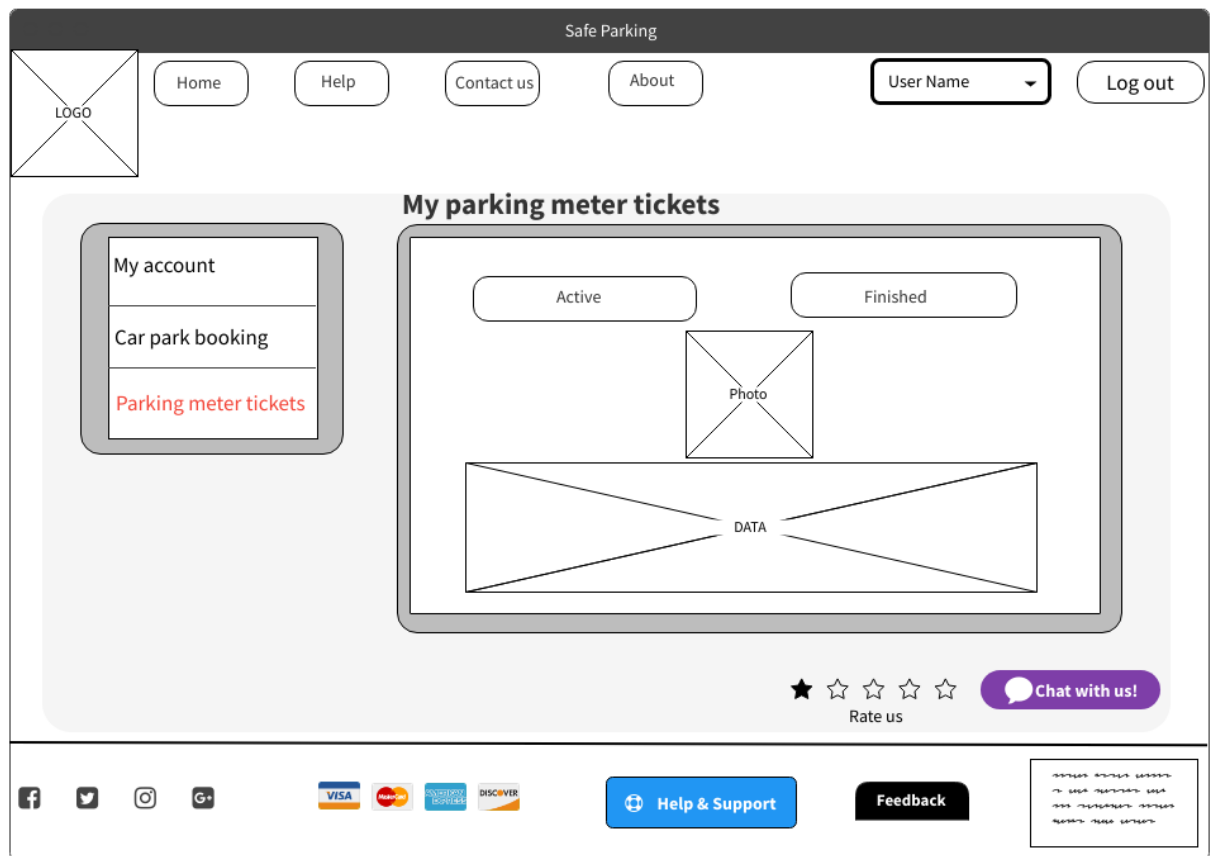
Safe Parking

Safe Parking

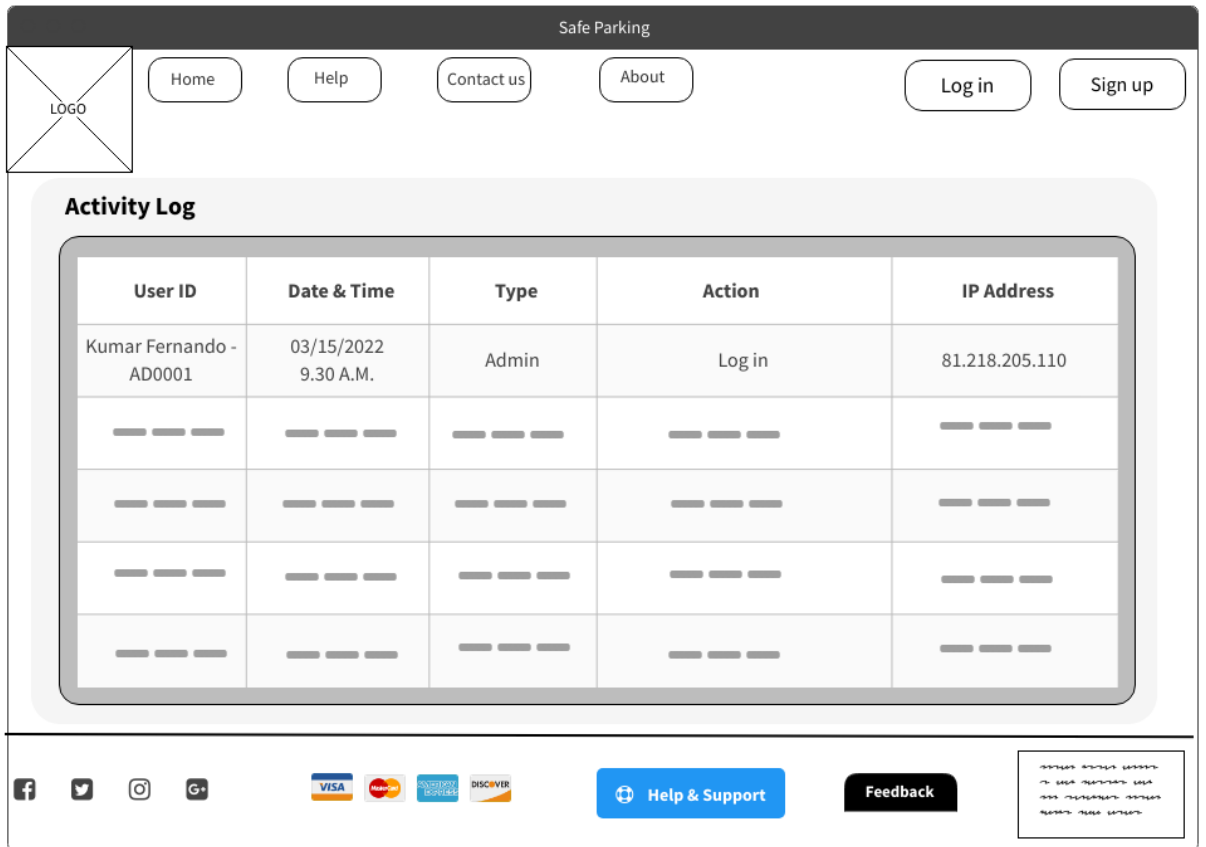
- My bookings page



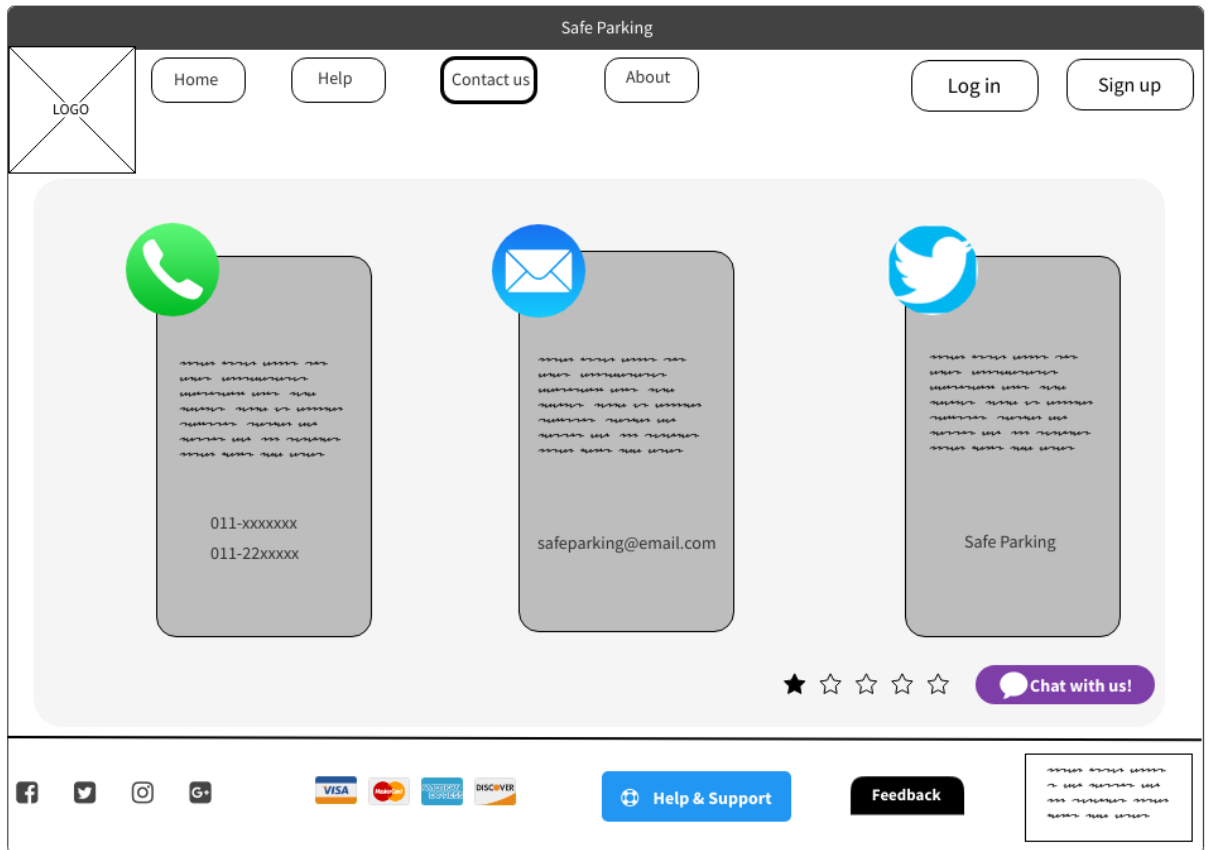
- My parking meter tickets Page



- Activity log Page



- Contact Us Page



- Chat with us Page

Safe Parking

LOGO

Home

Help

Contact us

About

Log in

Sign up

Send message

Name

Email

Country

Phone

Message

Send

★☆☆☆☆

Chat with us!

f

G+

VISA

DISCOVER

Help & Support

Feedback

- Help & Support Page

Safe Parking

LOGO

Home

Help

Contact us

About

Log in

Sign up

Help & Support

Describe the problem you're having...

Submit

Name

*Your name for us to say hello!

Email

*Your Email by which we get back to you

Subject

*Your request subject you want help with

★☆☆☆☆
Rate us

Chat with us!

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VISA

Master

AMERICAN EXPRESS

DISCOVER

Help & Support

Feedback

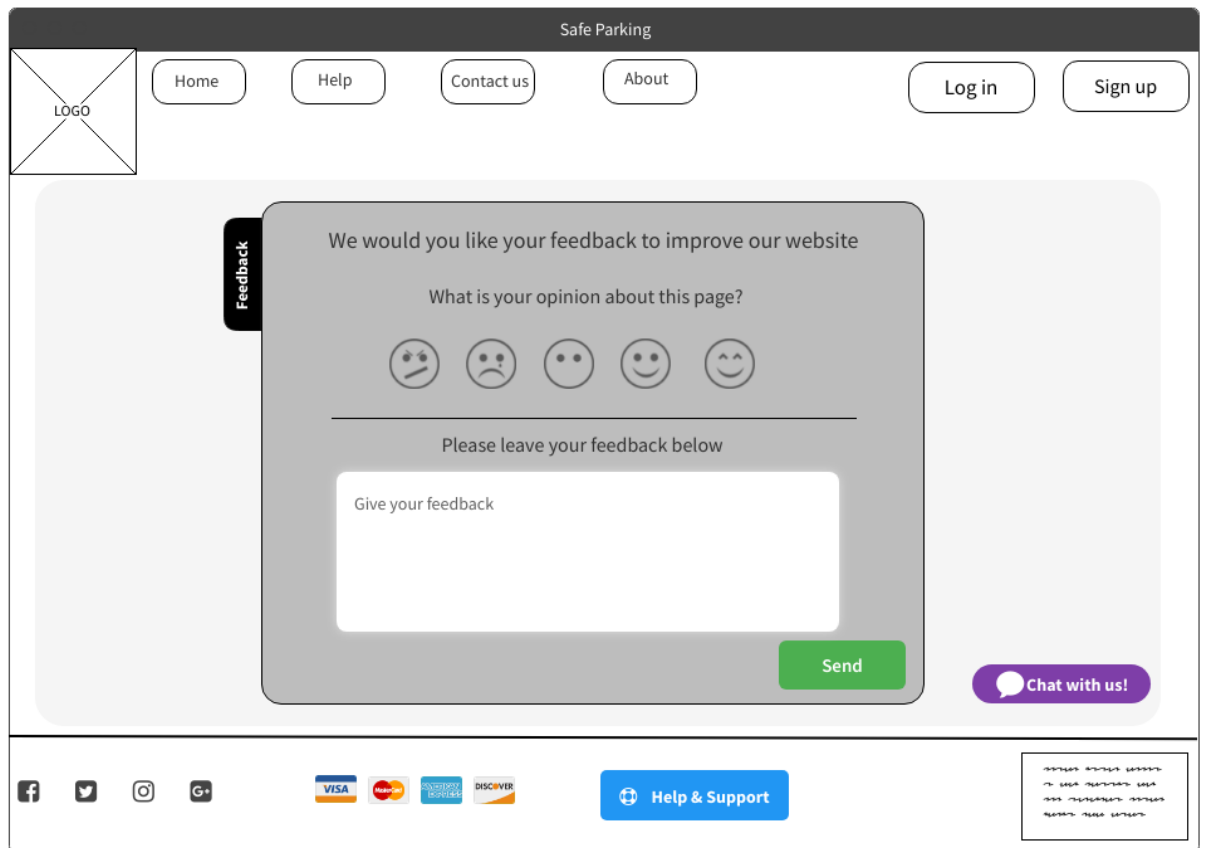
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- User feedback Page



The image shows a user feedback form for the 'Safe Parking' website. The form is a light gray rounded rectangle centered on the page. It has a dark gray header bar at the top with the text 'Safe Parking' in white. Below the header bar, there is a navigation bar with a 'LOGO' placeholder (a square with an 'X') and five buttons: 'Home', 'Help', 'Contact us', 'About', 'Log in', and 'Sign up'. The main content area of the form contains the following elements: a title 'We would you like your feedback to improve our website', a question 'What is your opinion about this page?', five smiley face icons (three sad, two happy), a text input field with the placeholder 'Give your feedback', and a green 'Send' button. To the right of the form, there is a purple 'Chat with us!' button. At the bottom of the page, there is a footer with social media icons (Facebook, Twitter, Instagram, Google+), payment logos (Visa, Mastercard, American Express, Discover), a blue 'Help & Support' button, and a small box with a placeholder for a contact number.

Safe Parking

LOGO

Home Help Contact us About Log in Sign up

Feedback

We would you like your feedback to improve our website

What is your opinion about this page?

☹️ ☹️ 😐 😊 😊

Please leave your feedback below

Give your feedback

Send

Chat with us!

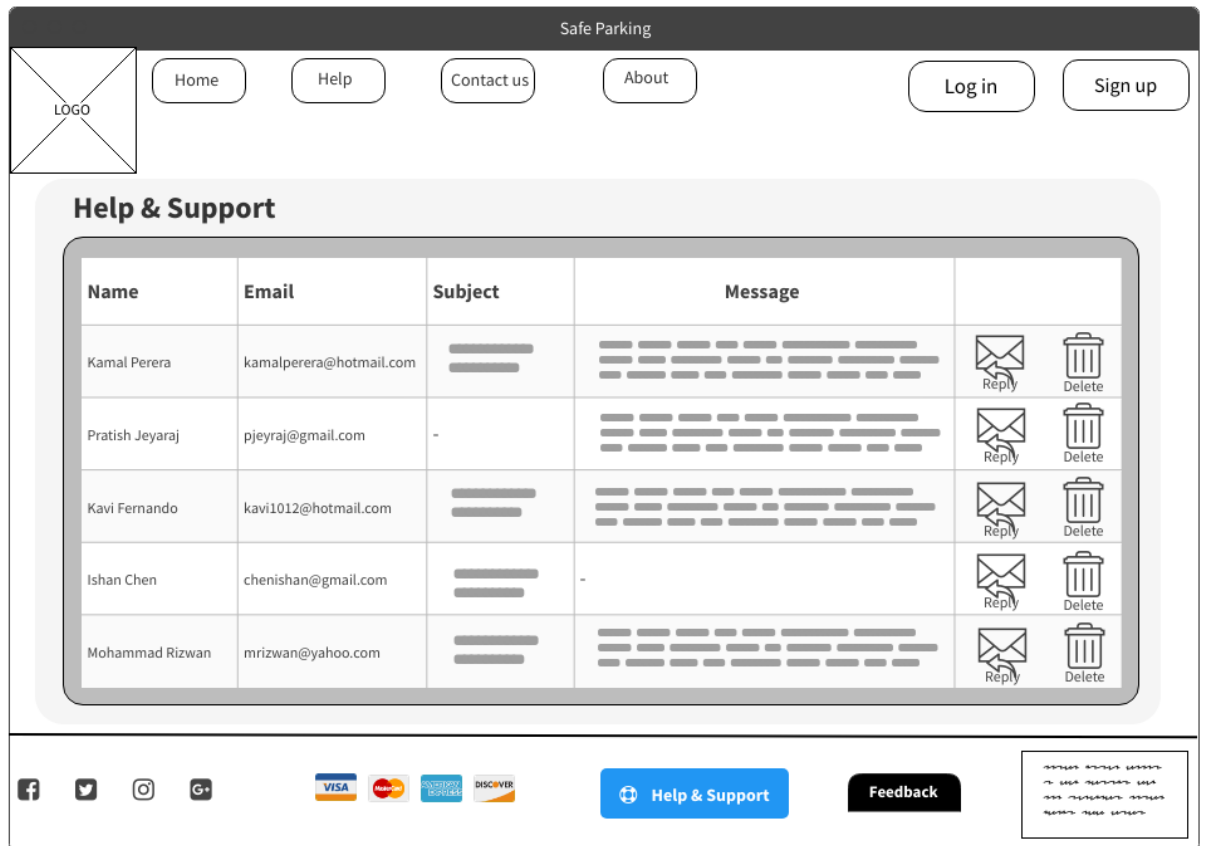
f t i G+

VISA Mastercard AMERICAN EXPRESS DISCOVER

Help & Support

0000 0000 0000
0000 0000 0000
0000 0000 0000
0000 0000 0000

- Help & Support Admin Page



- Payment Page #1

Safe Parking

LOGO

Home

Help

Contact us

About

User Name

Log out

Pay Here

Area Code - Phone Number

Cardholder's Name

Card Number

Expiry

MM/YYYY

CVC

128-bit secured


VISA

MasterCard





AMERICAN EXPRESS

DISCOVER

☐ I'm not a robot


reCAPTCHA
Privacy - Terms

Pay



VISA

MasterCard

AMERICAN EXPRESS

DISCOVER

Help & Support

Feedback

- Payment Page #2

Safe Parking

LOGO

HomeHelpContact usAboutUser NameLog out

Pay Here

XXXX - XXX-XXXXXXXX

1 abcdefgde

XXXX-XXXX-XXXX-XXXX

Expiry
XX/XXXX

128-bit secured

I'm not a robot reCAPTCHA

Pay

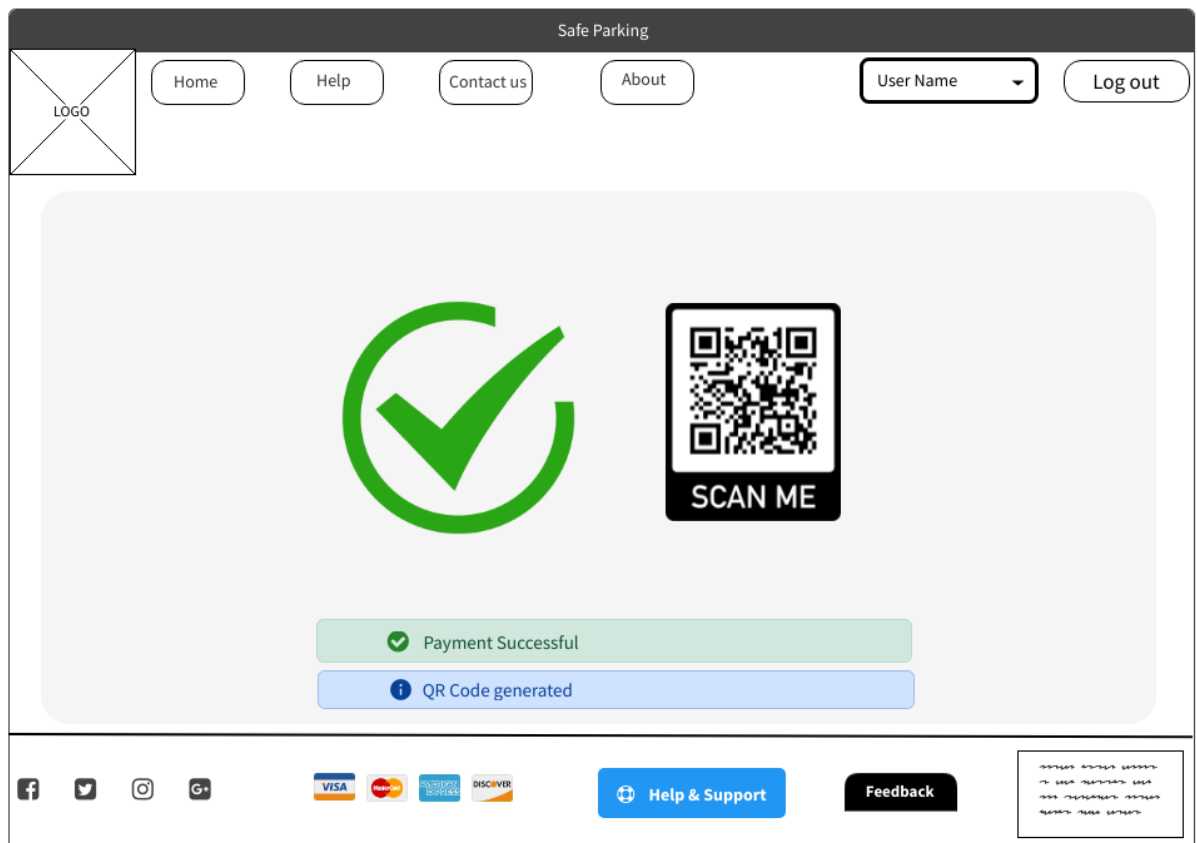
Your payment is processing

fTWIG+

VISA Mastercard American Express DISCOVER

Help & SupportFeedback

- Payment Successful Page



5 Individual Contribution

	Student ID	Student Name	Individual Contribution
1	IT21175398	Godage D.N.P	<ul style="list-style-type: none"> • Project Introduction • Persona: Angela Diaz (Web Editor) • User Journey: Angela Diaz (Web Editor) • Wireframe: Help & Support Page Help & Support Admin Page Feedback Page Payment Page #1 Payment Page #2 Payment Successful Page
2	IT21173936	Kodithuwakku K.G.K.M.J	<ul style="list-style-type: none"> • Persona: Clark Andrews (CS Specialist) • User Journey: Clark Andrews (CS Specialist) • Wireframe: Login Page My account Page My bookings Page My parking meter tickets Page
3	IT21174612	De Davin G.G.P.N	<ul style="list-style-type: none"> • Persona: Kumar Fernando (Manager) • User Journey: Kumar Fernando (Manager) • Wireframe: Activity Log About Us Page
4	IT21176210	Asmitha Thiraviyarasa	<ul style="list-style-type: none"> • Persona: John Andrews (Customer) • User Journey: John Andrews (Customer) • Wireframe: Chat with us Page Sign up Page

5	IT21176142	Abiramy Kumaresan	<ul style="list-style-type: none"> • Persona: Sakshi Choi (Customer) • User Journey: Sakshi Choi (Customer) • Wireframe: Contact us Page Home Page
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