



# MARTIAN - BISTRO

OUR INNOVATIVE SOLUTIONS  
TACKLE THE UNIQUE CHALLENGES  
OF OPERATING A RESTAURANT ON  
THE RED PLANET, DELIVERING A  
SEAMLESS DINING EXPERIENCE FOR  
ALL.

TEAM CYBORGS

# INTRODUCTION

Welcome to our presentation on how we are bringing the flavors of Earth to Mars with our innovative restaurant, Martian Bistro. Our mission is to provide a unique and sustainable dining experience for all Martians, while overcoming the challenges of operating a restaurant in a Martian colony. Join us as we share our journey and showcase the cutting-edge technology and solutions that make Martian Bistro a reality.



# ABOUT

Martian Bistro is a sustainable restaurant that offers a unique dining experience for Martians. Our restaurant is committed to providing fresh and nutritious food to our customers while minimizing our environmental impact. We understand the challenges faced by restaurants on Mars, and we have developed innovative solutions to overcome these challenges. Our team is dedicated to providing a seamless and enjoyable dining experience for all Martians, and we look forward to serving you.



# PROBLEMS



- LIMITED RESOURCES ON MARS POSE A MAJOR CHALLENGE FOR OPERATING A RESTAURANT, PARTICULARLY IN TERMS OF IMPORTING FOOD, WHICH IS NOT SUSTAINABLE IN THE LONG RUN.
- TRADITIONAL RESTAURANT OPERATIONS REQUIRE A SIGNIFICANT AMOUNT OF HUMAN LABOR, WHICH CAN BE DIFFICULT TO MANAGE ON A PLANET WITH LIMITED HUMAN RESOURCES.
- THE LACK OF A RELIABLE PAYMENT SYSTEM AND THE NEED FOR SECURE FOOD DELIVERY PRESENT ADDITIONAL OBSTACLES TO OPERATING A RESTAURANT ON MARS.

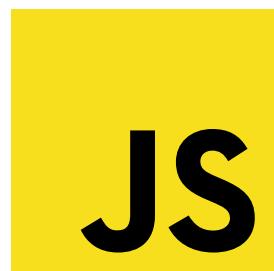
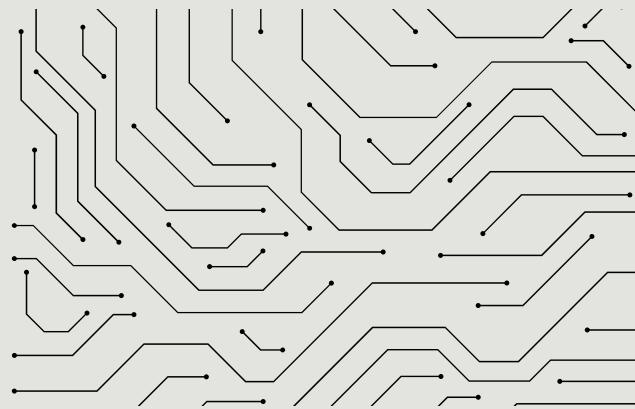
# SOLUTION

- To address the limited resources available, we have created a menu that utilizes locally grown ingredients and sustainable farming practices. This reduces our reliance on imported goods and supports the development of a self-sufficient Martian colony.
- To address the scarcity of human labor, we have implemented automation technology to streamline restaurant operations. Our ordering system and food preparation processes are fully automated, reducing the need for manual labor.
- To address the lack of a reliable payment system and the need for secure food delivery, we have developed a secure payment system using blockchain technology. Customers can make cashless transactions using our UPay system, which generates a QR code and order ID for secure food pickup.
- To address the need for nutritional information and transparency in food sourcing, we have implemented a feature where customers can click on a menu item to view its nutritional information and origin.

These solutions allow us to provide a seamless and sustainable dining experience for all Martians.



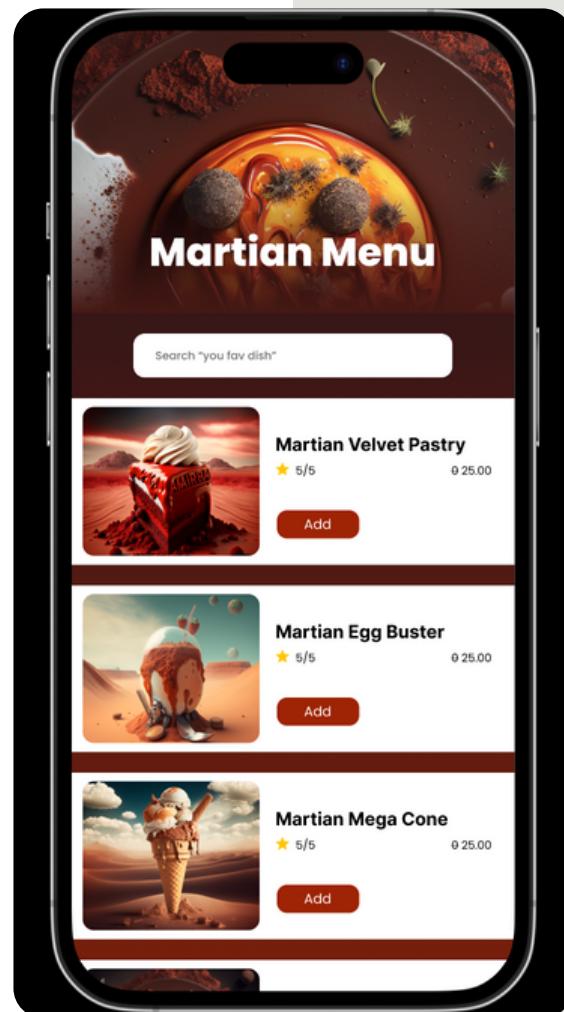
# TECH STACK



# WORKING

Our platform's working involves several key steps:

1. Customers log in using Google sign-in and receive an OTP for verification.
2. They can browse our menu and add items to their cart.
3. Clicking on an item in the cart will display its nutritional information.
4. Customers can place their order and receive a QR code for payment confirmation.
5. The QR code is scanned at the food counter to confirm the order.
6. Customers receive an email confirming their order and payment.





# WHO WE ARE

We are a group of passionate and enthusiastic students and developers who have come together to address the unique challenges of dining on Mars. Our team has diverse backgrounds and skill sets, including expertise in software development, UI/UX design, and sustainability.





*Thank  
You*

## CONTACT

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