



**Parthenope  
Dormitory**

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# Project Description:

The project aims to design and develop an online software system for managing reservations and rooms in the university dormitory to optimize customer experience. The software allows users to view rates, available room types, and make reservations. Additionally, dormitory staff have access to an interface to manage reservations, guests, and assign room numbers.

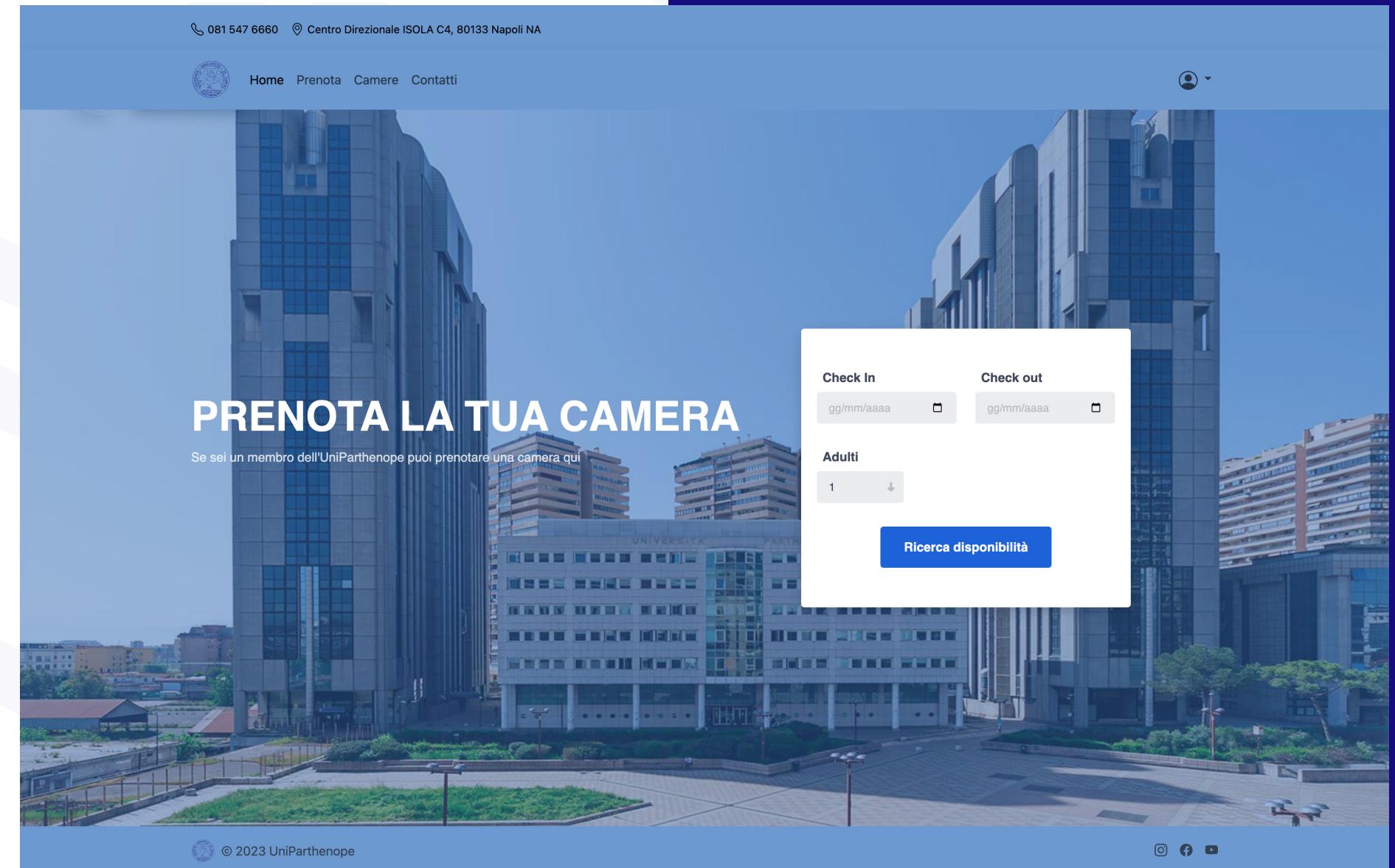
# Project Objectives:

- Create a user-friendly interface for customers that allows easy navigation.
- Implement a reservation system for available room types.
- Enable dormitory staff to input and modify rates and promotions, as well as manage customers, reservations, and their payments.
- Introduce a secure and flexible payment system and implement a notification system for promotions and reservation confirmations.
- Use an authentication system that ensures the security of data and sensitive information.
- Allowing the user to subscribe to the newsletter to stay informed about the latest news and promotion.

# UX Displays of the PWA:

## Home:

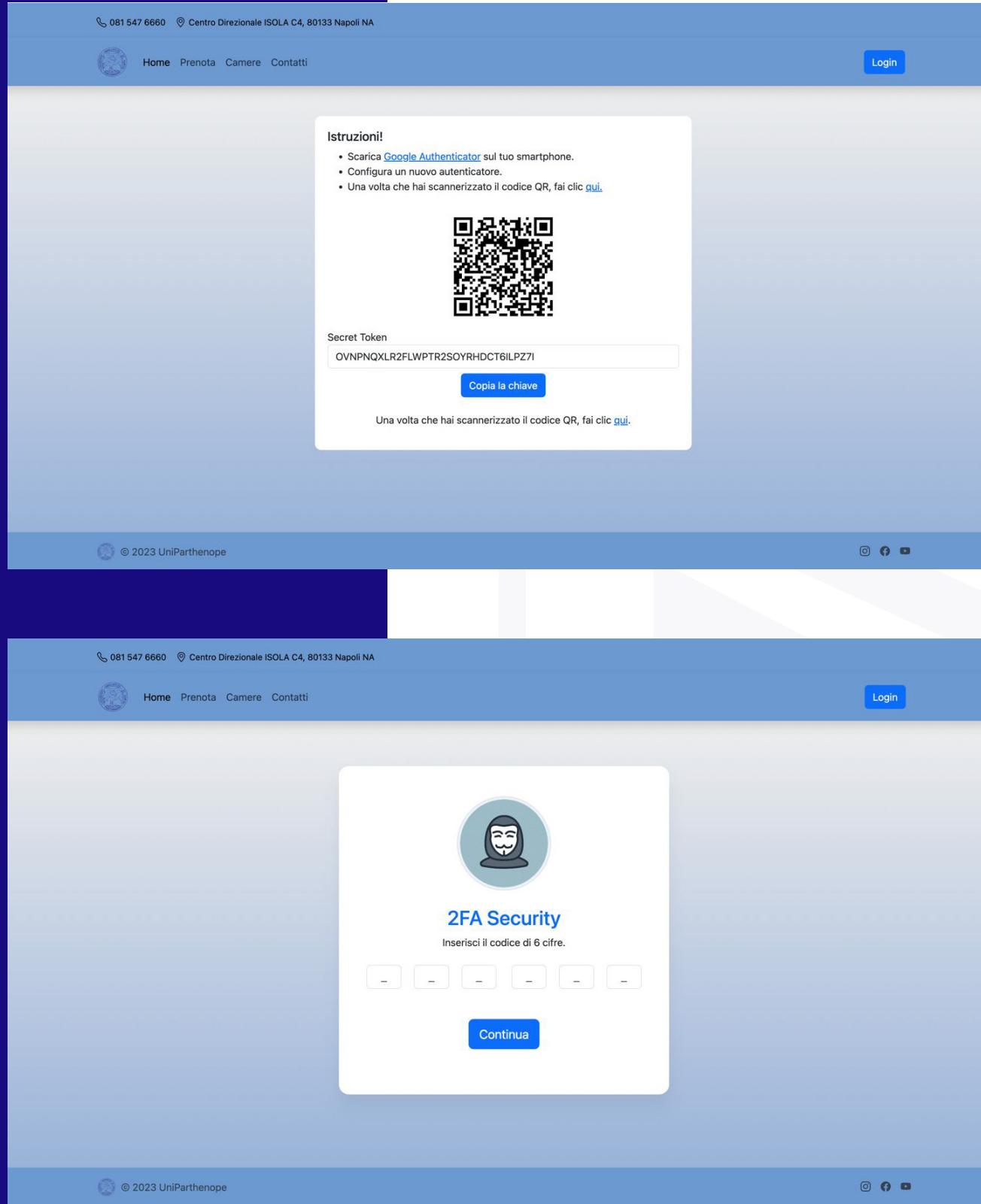
the home has been crafted with precision, featuring an engaging and user-friendly interface.



# Login:

The screenshot shows the UniParthenope login interface. At the top, there is a blue header bar with the university's logo, a phone number (081 547 6660), an address (Centro Direzionale ISOLA C4, 80133 Napoli NA), and navigation links for Home, Prenota, Camere, and Contatti. On the right side of the header is a 'Login' button. Below the header, the main content area features the university's crest and a large white login form. The form has fields for 'Username' and 'Password', a 'Ricordati' checkbox, and a 'Login' button. At the bottom of the form is a blue button labeled 'Entra con SPID' with a user icon. At the very bottom of the page is a dark blue footer bar with the university's logo and the text '© 2023 UniParthenope'.

In the system, both students and staff access the platform using their fiscal code and password, followed by a two factor authentication process.



# Two Factor Authentication:

In the two-factor authentication (2FA) process, users scan a QR code generated with Google Authenticator and then input a 6-digit code, enhancing the security of the login procedure.

# Contact Us & NewsLetter:

The 'Contact Us and Newsletter' page provides users with contact details. It also features a messaging option for direct communication. Newsletter subscriptions require only an email for receiving updates.

The screenshot shows a website layout for a contact page. At the top, there's a blue header bar with the hotel's logo, phone number (081 547 6660), address (Centro Direzionale ISOLA C4, 80133 Napoli NA), and navigation links (Home, Prenota, Camere, Contatti). On the right side of the header is a user profile icon. Below the header, there's a large central area with a light gray background. In the center-left, a dark blue rectangular box contains the text "Inviaci un messaggio" and four input fields for "Nome", "Email", "Oggetto", and "Messaggio", each with a corresponding placeholder line. A blue "Invia" button is at the bottom of this box. To the right of this box, under the heading "Contattaci", are four contact details: "Indirizzo: Centro Direzionale ISOLA C4, 80133 Napoli NA", "Telefono: 081 547 6660", "Email: info@yoursite.com", and "Website: uniparthenope.it". Further to the right, under the heading "Iscriviti alla newsletter", is a text input field labeled "Email" with a blue arrow button next to it. At the very bottom of the page, there's a blue footer bar with the hotel's logo, the text "© 2023 UniParthenope", and social media icons for Instagram, Facebook, and YouTube.

# Rooms:

The 'Rooms' page allows students to browse various room types. Clicking 'Visualizza' directs to specific pages for detailed information on each room type.

The screenshot shows a grid of four room types. Each room type has a thumbnail image, price per night, room name, and a 'Visualizza' button.

- Singola**: 30€ per notte. Visualizza button.
- Doppia**: 50€ per notte. Visualizza button.
- Tripla**: 80€ per notte. Visualizza button.
- Quadrupla**: 120€ per notte. Visualizza button.

The screenshot shows the detailed page for the Singola room type. It features a large image of the room, a title, price, and a descriptive text block.

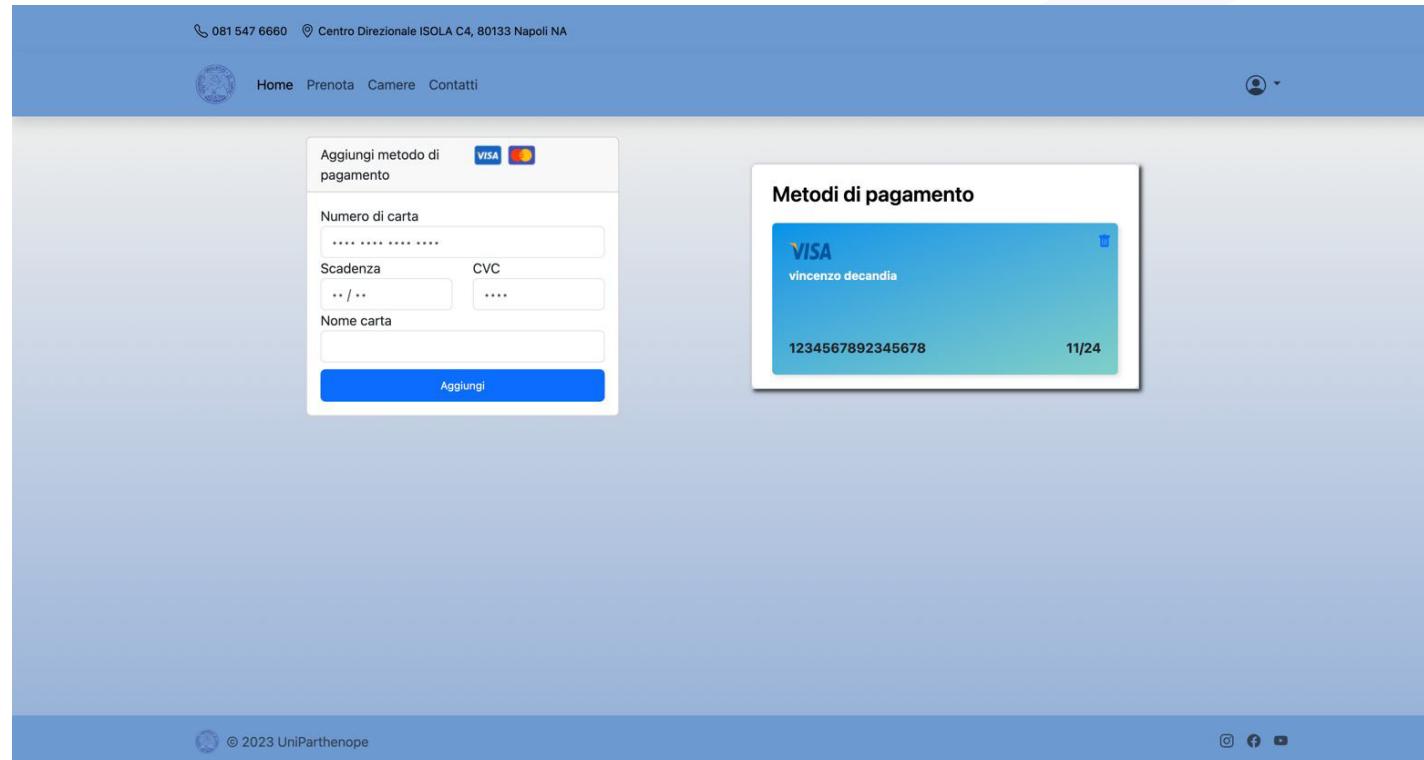
**Singola**  
Prezzo: 30€  
Accogliente camera singola con arredi moderni e colori rilassanti. Dotata di un comodo letto singolo, scrivania multifunzione e illuminazione regolabile. Il design minimalista crea un ambiente tranquillo e funzionale, perfetto per chi cerca un rifugio accogliente e pratico.

# Available Rooms:

The screenshot shows the 'Available Rooms' section of the UniParthenope website. At the top, there are contact details: a phone number (081 547 6660) and an address (Centro Direzionale ISOLA C4, 80133 Napoli NA). Below this is a navigation bar with links for Home, Prenota, Camere, and Contatti, along with a user profile icon. A search bar allows users to select check-in and check-out dates, the number of guests (1 ospite), and perform a search (Ricerca). The main content area displays a single available room: a Singola room type, 1 person available, costing 30€ per night. A 'Prenota' (Book Now) button is visible. The bottom of the page includes a footer with the university's logo and the text '© 2023 UniParthenope'.

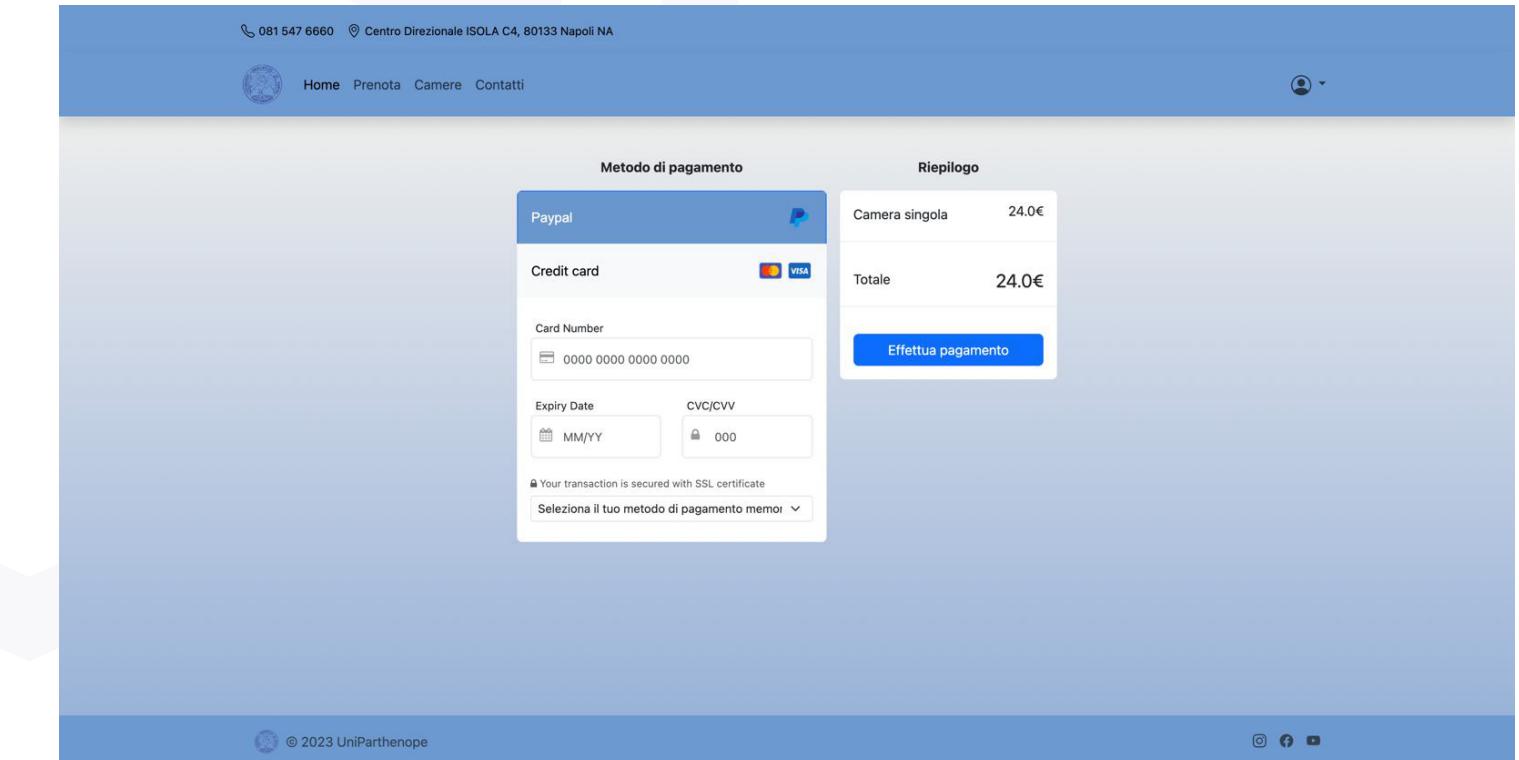
On the 'Available Rooms' page, users find essential details about each available room, such as type, features, and pricing. The 'Book Now' button facilitates a straightforward reservation process.

# Credit Card Storage & Payment Methods:



This screenshot shows the 'Credit Card Storage' page. At the top, there's a header with a phone number (081 547 6660), a location (Centro Direzionale ISOLA C4, 80133 Napoli NA), and navigation links (Home, Prenota, Camere, Contatti). Below the header, there's a sidebar with a 'Metodi di pagamento' section containing fields for card number, expiration date, and CVC, along with an 'Aggiungi' button. The main area displays a 'Metodi di pagamento' card for a VISA card belonging to 'vincenzo decandia' with the number '1234567892345678' and expiration '11/24'. At the bottom, there's a footer with the text '© 2023 UniParthenope' and social media icons.

On the 'Credit Card Storage' page, users can securely store their credit card information for convenient future transactions.



This screenshot shows the 'Payment Methods' page. The header is identical to the previous page. The main content features a 'Metodo di pagamento' section with options for 'Paypal' and 'Credit card'. The 'Credit card' option is selected, showing fields for 'Card Number' (0000 0000 0000 0000), 'Expiry Date' (MM/YY), and 'CVC/CVV' (000). A note states 'Your transaction is secured with SSL certificate' and a dropdown menu says 'Seleziona il tuo metodo di pagamento memor'. To the right, a 'Riepilogo' section shows a single room at 24.0€ and a total of 24.0€, with a blue 'Effettua pagamento' button. The footer is identical to the first page.

On the 'Payment Methods' page, users can choose to pay conveniently with either credit card or PayPal.