



EAST WEST UNIVERSITY

Project Report
on
**Travel Information and Service
Management System**

Course Title - Object Oriented Programming

Course Code - CSE110

Section - 02

Group - 05

Submitted To

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Declaration

We, hereby declare that the work demonstrated in this assessment has been done by us and it represents our own work.

Team Contribution

Student 01:

Name	Redown Ahmed
Student ID	2022-1-60-159
Contribution in project (in percentage)	50%
My Contribution	Welcome, Enter as, User login and registration, User Dashboard (Profile, Profile Edit, Travel Info , settings)

Student 02:

Name	Tasnuva Tasnim Nova
Student ID	2022-1-60-266
Contribution in project (in percentage)	20%
My Contribution	Book Trip (Transportation, Hotels, Tour) for both package and separate, Package information add, Report Writing

Student 03:

Name	Faiza Chowdhury
Student ID	2022-1-60-332
Contribution in project (in percentage)	30%
My Contribution	User Dashboard (My Bookings, Payment gateway), Admin Dashboard (Manage Booking, User Book List), Report Writing

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Introduction

A travel information and service management system is used to book a tour from anywhere in the world through a single, dynamic website that will help the user know all about the places and tour details on a single website. The main purpose of our project, "Travel Information and Service Management System," is to provide a convenient way for a customer to book hotels, flights, trains, and buses for tour purposes. We simplified the process of searching for and booking trains, flights, and buses in this project.

Objective

Our project was created to provide customers with the best transportation and tour options. This system also helps to promote responsible and interesting tourism so that people can enjoy their holidays at their favorite places. This system also gives tour-related information like tourist attractions, cities, and the best options for transportation, accommodation, and tours.

Features

Our code has options like booking trips, hotels, tours, methods of payment, editing user info according to the user's convenience, whereas admin gets all information regarding user bookings, etc. Our code features:

Users Managements:

1. **Users Registration:** Users can register by entering information such as their name, password, and email address.
2. **Login:** Users can be logged in with their username and password.
3. **User Profile Edit:** Users can edit their profile information.
4. **Travel Info:** Users can find information about both local and international places by searching in this part.
5. **Book Trip:** In this part, a user can book both local and international trips. Users can book transportation, hotels, and tours from various choices. A user can also book a one-way or round-trip trip.
6. **My Bookings:** A user can easily see his booking information, such as destination, booking type, person, payment, payment status, and schedule, by clicking on his bookings from the dashboard.
7. **Payment Getaway:** Users can click on their payment status from the booking table, and they can easily clear their pending payments using different methods.
8. **Settings:** The user can change the current password.

Administrative Managements:

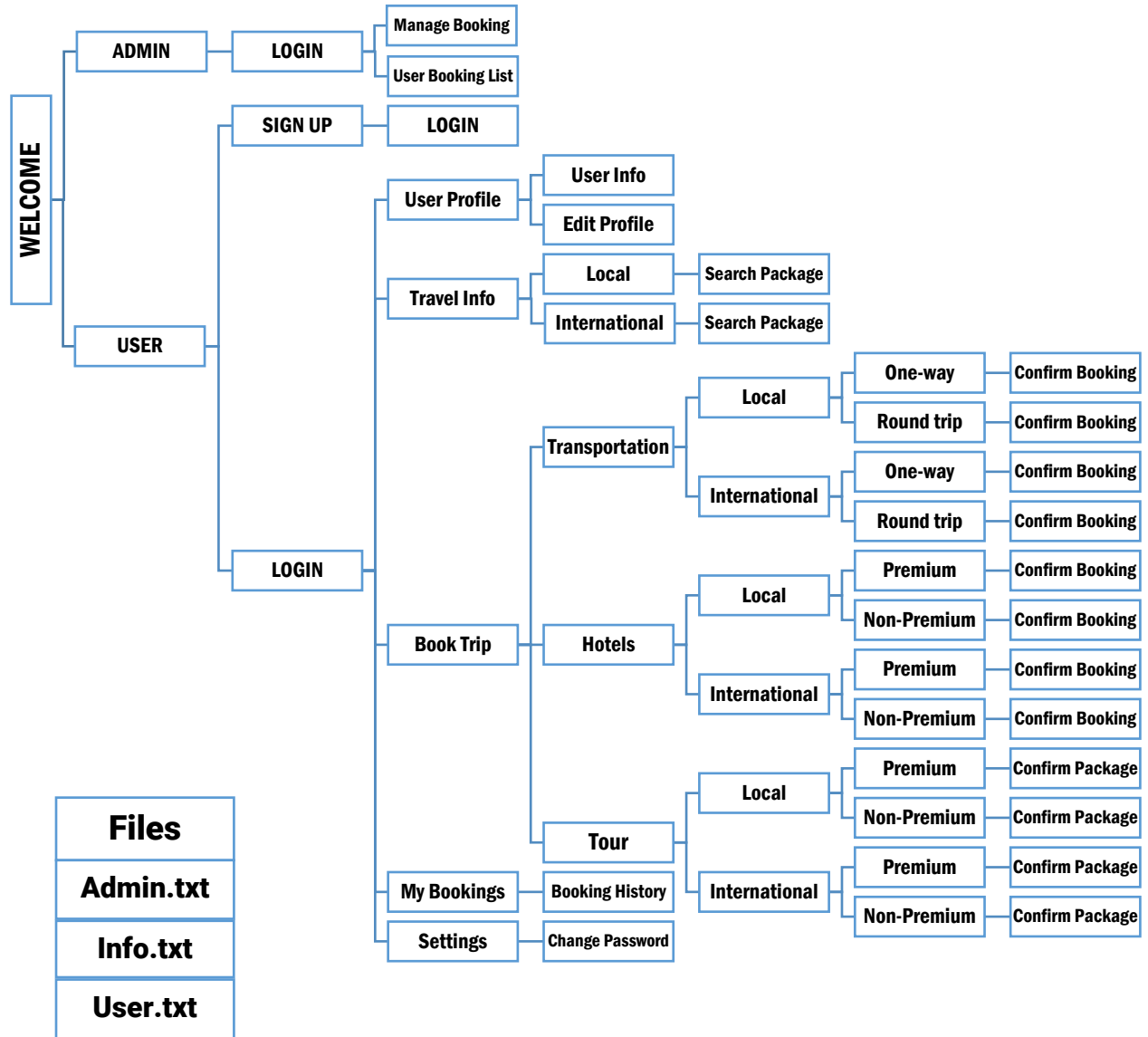
- 1. Manage Bookings:** Admin can see all users' booking information, such as destination, booking type, payment, payment status, and schedule.
- 2. User Book List:** Admins can search for a specific user and view that user's booked trip list.

Resources

1. Netbeans IDE 15
2. JDK 18 (For getting a better visual experience)
3. jcalendar-1.4.jar file

Flow Chart

Travel Information and Service Management System



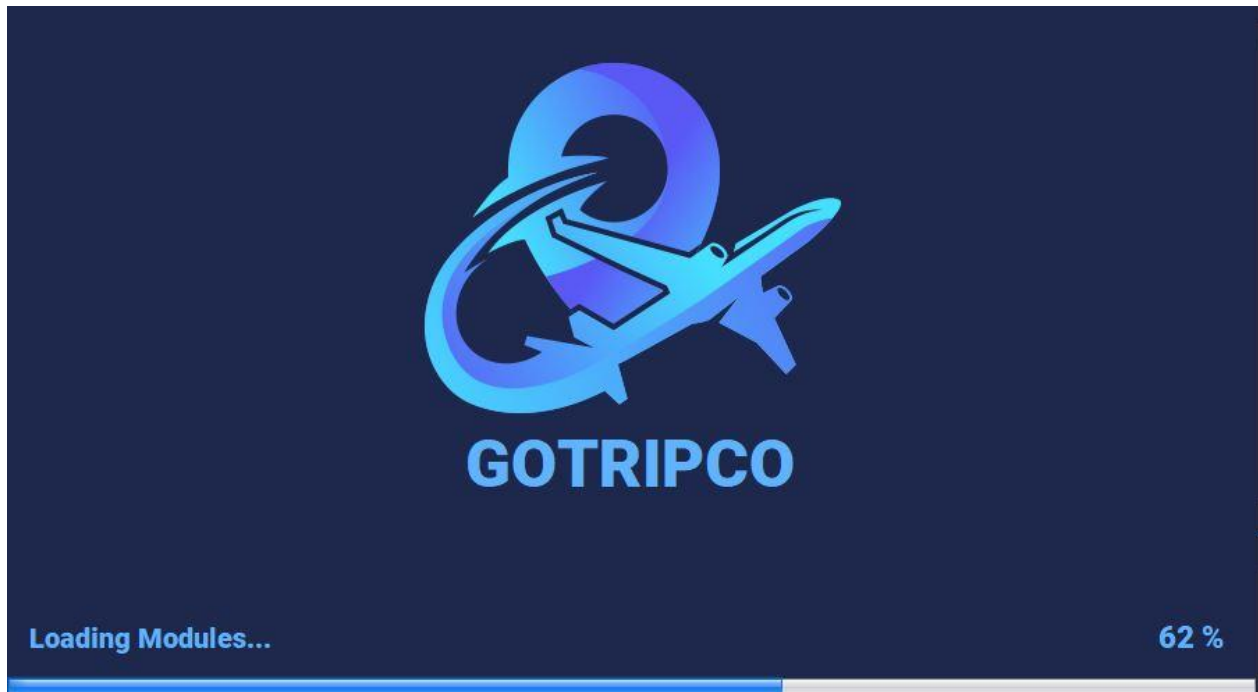
Build Output Description

To open this project:

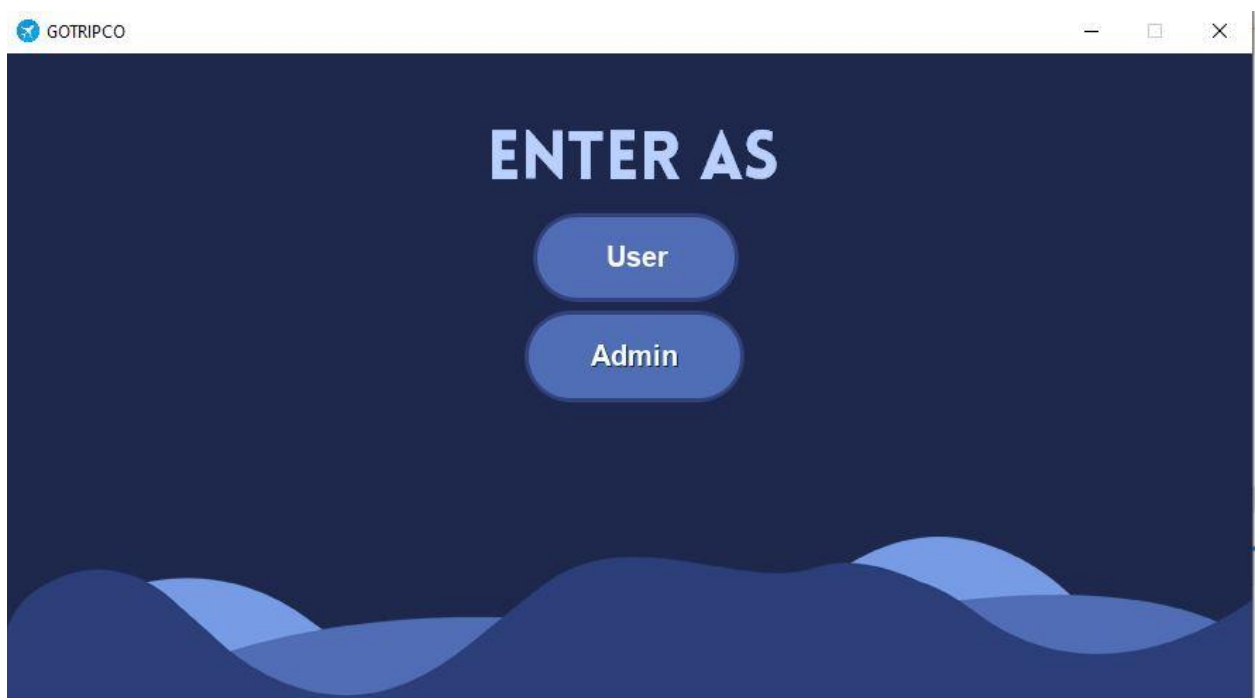
1. First install the fonts.
2. After opening the project in Netbeans with JDK 18(for better presentation purpose), import the jcalendar-1.4.jar file in library.
3. Run from "Welcome.java".
4. Now good to go.

Output

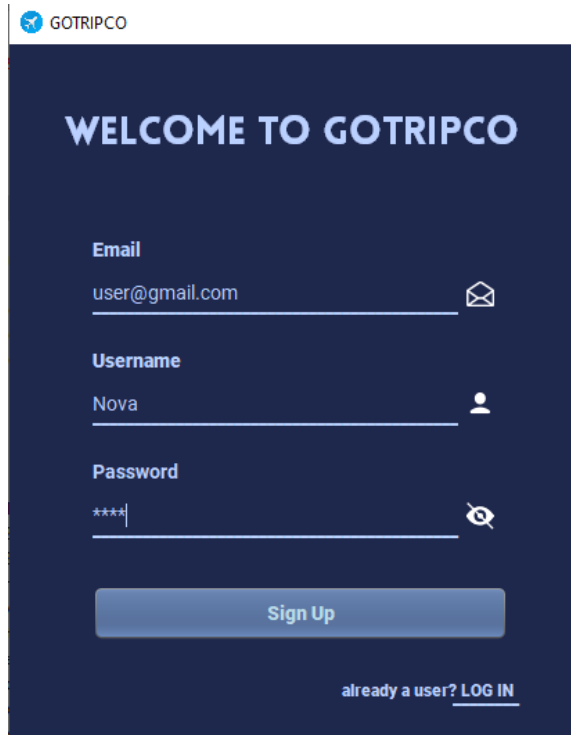
1. Welcome



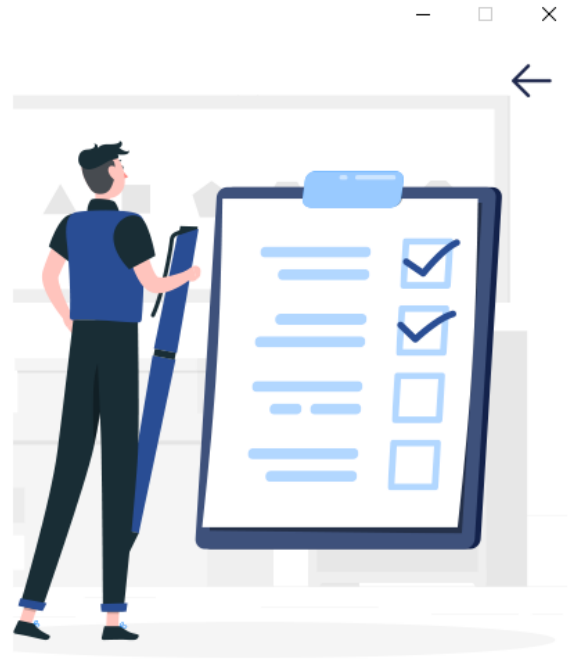
2. Enter As



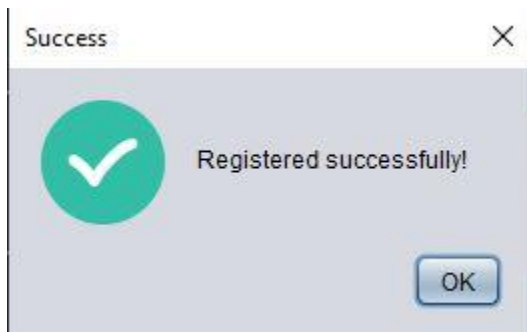
3. User Sign-up



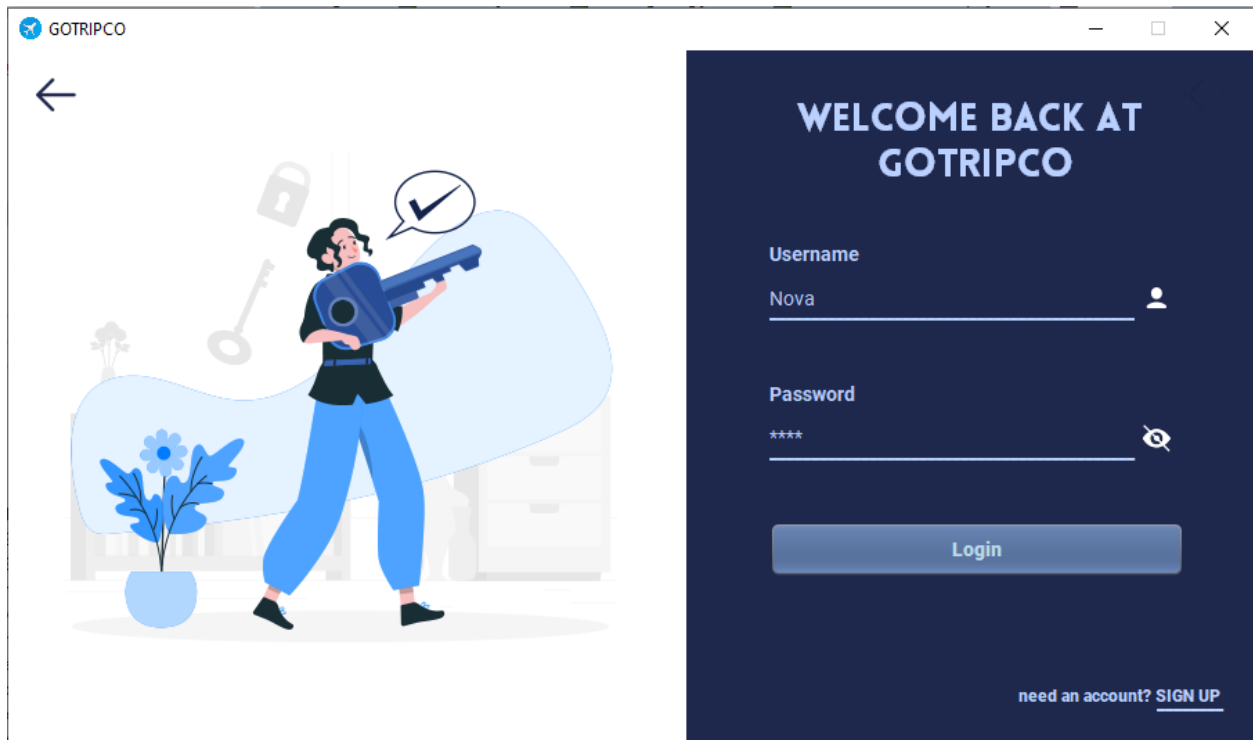
The screenshot shows a dark blue sign-up form for GOTRIPCO. At the top left is the GOTRIPCO logo. The main heading is "WELCOME TO GOTRIPCO". Below this are three input fields: "Email" with the placeholder "user@gmail.com" and an envelope icon, "Username" with the placeholder "Nova" and a person icon, and "Password" with the placeholder "****" and an eye icon. A "Sign Up" button is positioned below the password field. At the bottom right, there is a link that says "already a user? [LOG IN](#)".



4. Successful Registration/Sign-up



5. User Login



GOTRIPCO

←

WELCOME BACK AT
GOTRIPCO

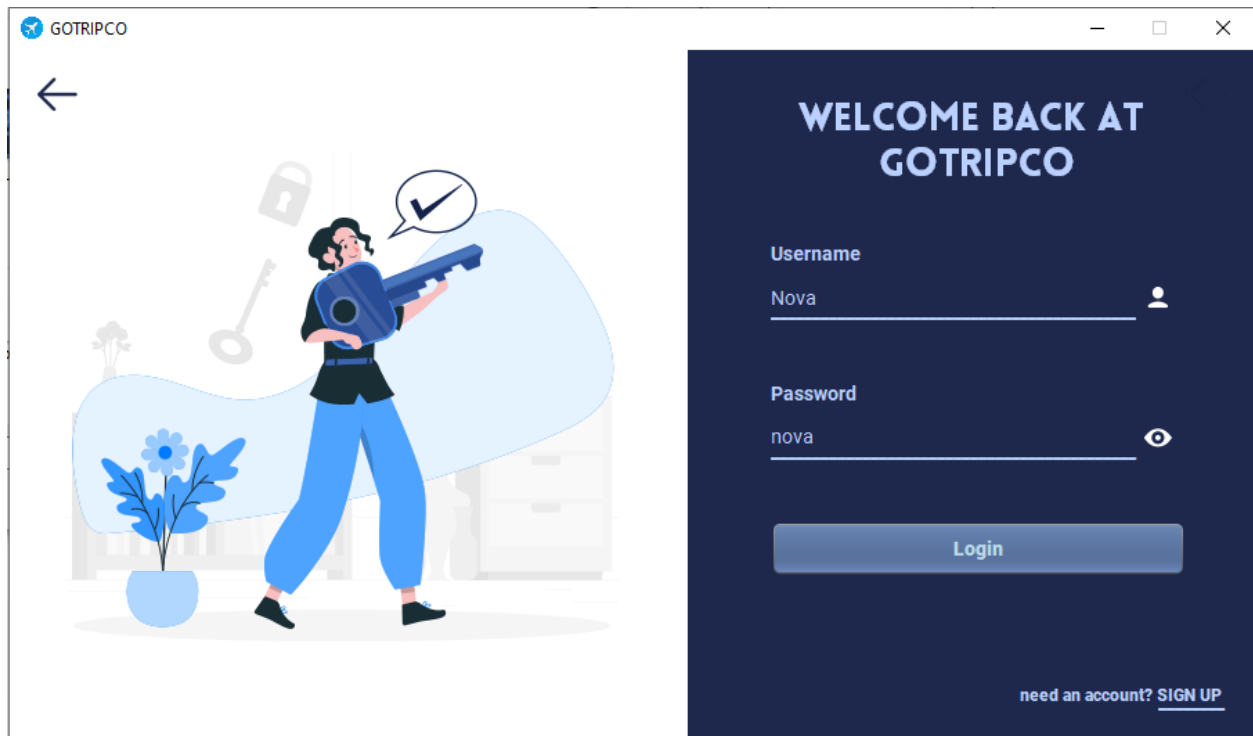
Username
Nova

Password

Login

need an account? [SIGN UP](#)

6. Shows the given password when clicked on the eye icon



GOTRIPCO

←

WELCOME BACK AT
GOTRIPCO

Username
Nova

Password
nova

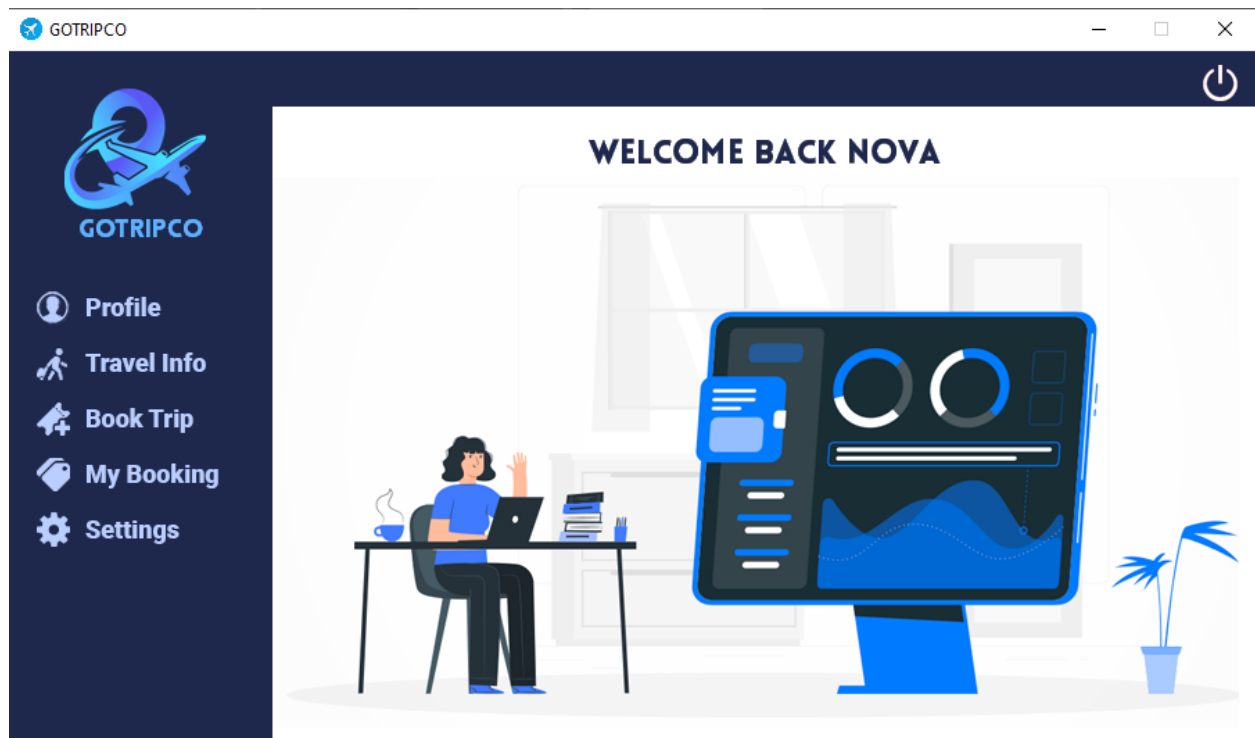
Login

need an account? [SIGN UP](#)

7. Wrong Password Warning if the password does not match




8. User Dashboard



9. User Profile before editing

GOTRIPCO


GOTRIPCO

Profile

Travel Info

Book Trip

My Booking

Settings

Profile

Basic info, for a faster booking experience

First Name

Last Name

Gender

Phone Number


NID Number

Passport Number

Edit

10. User Edit Profile

GOTRIPCO


GOTRIPCO

Profile

Travel Info

Book Trip

My Booking

Settings

Edit Profile

Basic info, for a faster booking experience

First NameTasnuva

Last NameNova

Gender☐ Male☒ Female

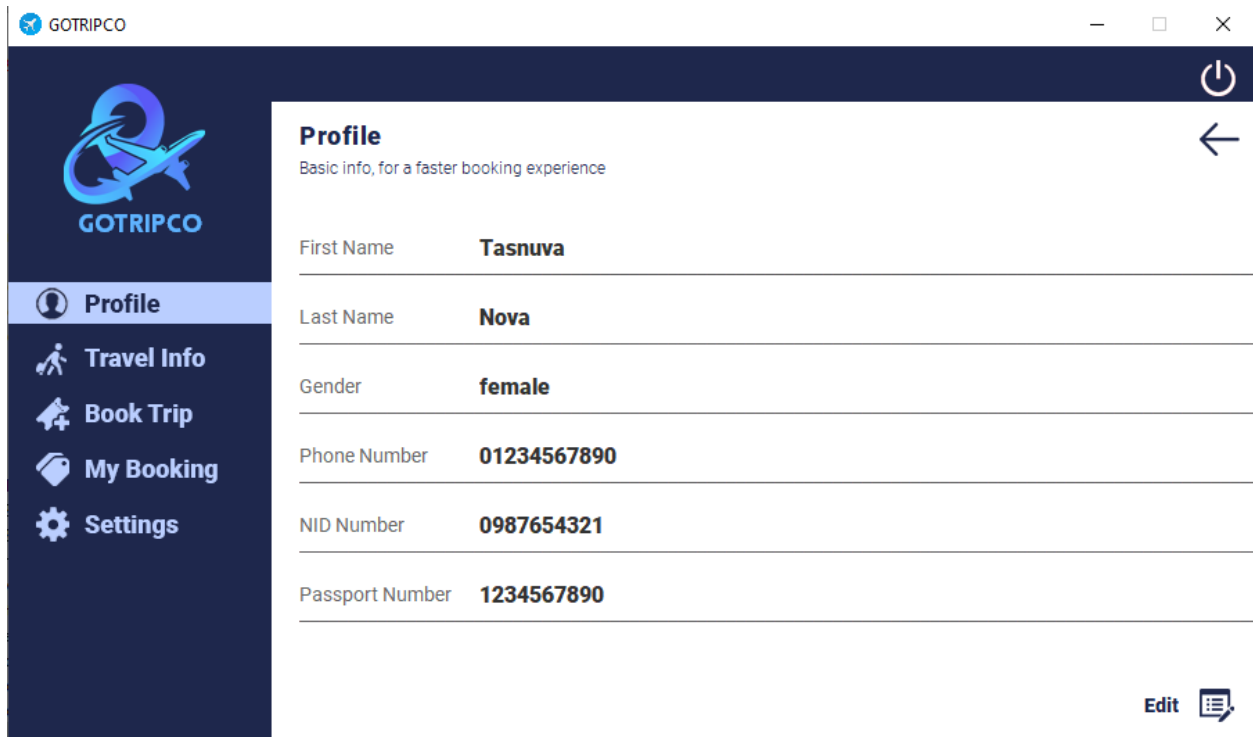
Phone Number01234567890

NID Number0987654321

Passport Number1234567890|

Save

11. User Profile after editing

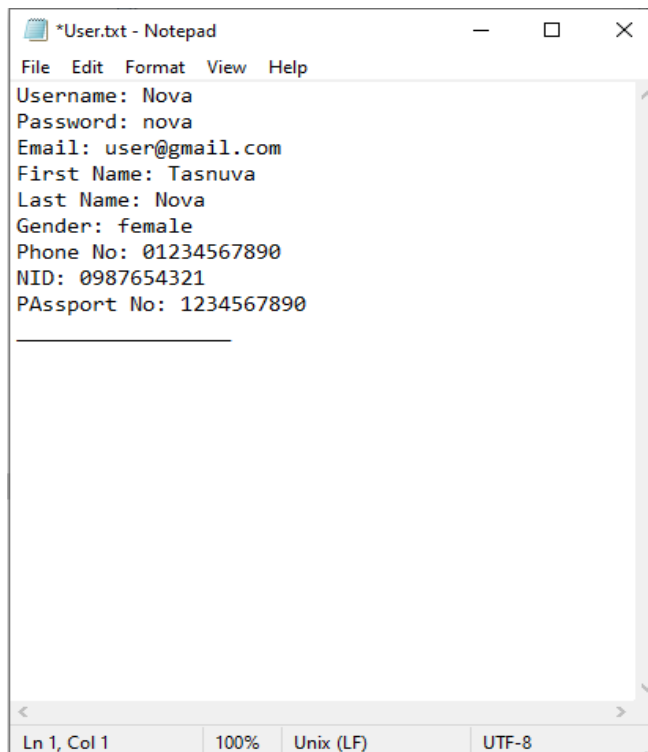


The screenshot shows a web application window titled "GOTRIPCO". On the left is a dark blue sidebar with a logo at the top and four menu items: "Profile" (selected), "Travel Info", "Book Trip", and "My Booking". Below these is a "Settings" option with a gear icon. The main content area is titled "Profile" with a subtitle "Basic info, for a faster booking experience". It contains a form with the following fields and values:

First Name	Tasnuva
Last Name	Nova
Gender	female
Phone Number	01234567890
NID Number	0987654321
Passport Number	1234567890

At the bottom right of the form is an "Edit" button with a pencil icon.

12. User info in User.txt file

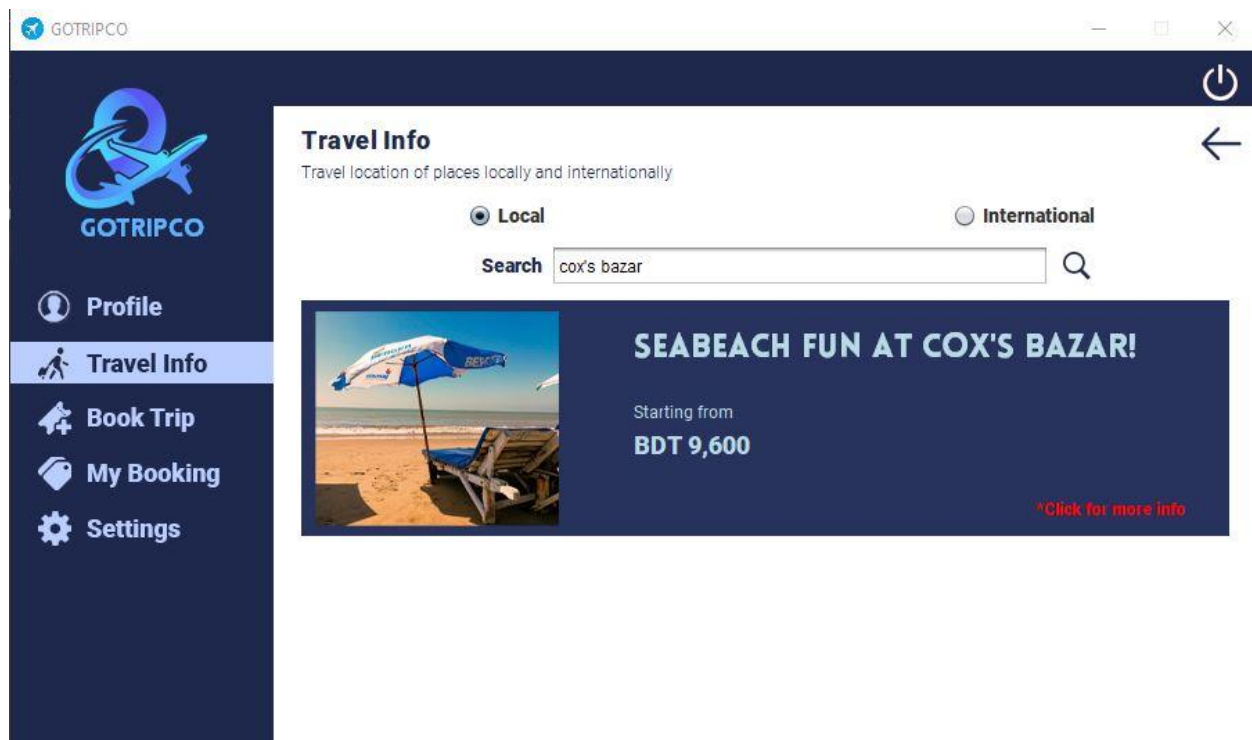


The screenshot shows a Notepad window titled "*User.txt - Notepad". The text inside the window is as follows:

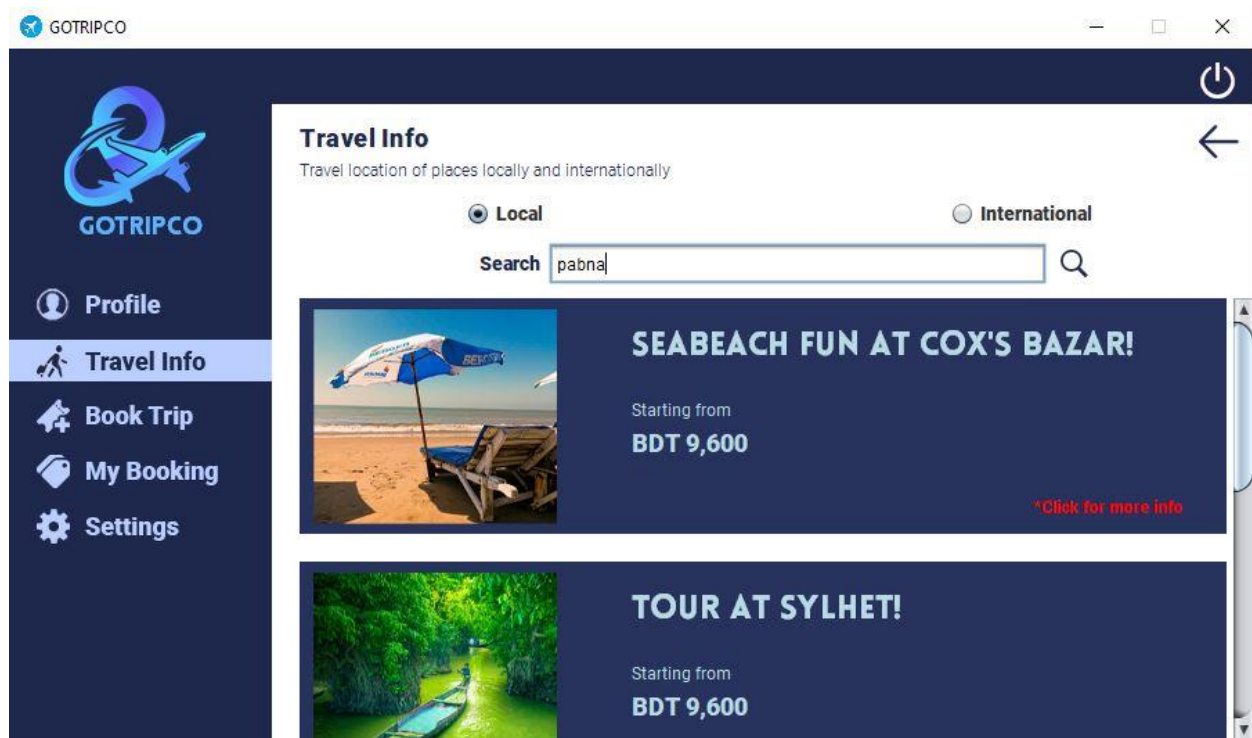
```
Username: Nova
Password: nova
Email: user@gmail.com
First Name: Tasnuva
Last Name: Nova
Gender: female
Phone No: 01234567890
NID: 0987654321
PAssport No: 1234567890
```

The status bar at the bottom indicates "Ln 1, Col 1", "100%", "Unix (LF)", and "UTF-8".


13. Travel Info (single search if matched local)



14. Travel Info (shows all places in local if not matched in search)




15. Info of available local package



- Profile
- Travel Info
- Book Trip
- My Booking
- Settings

Travel Info

Travel location of places locally and internationally



DHAKA TO COX'S BAZAR

Cox's Bazar is a town on the southeast coast of Bangladesh. It's known for its very long, sandy beachfront, stretching from Sea Beach in the north to Kolatoli Beach in the south termed the "longest natural unbroken sea beach" in the world.

Things to do:

1. Enjoy at sea beach
2. Marine drive
3. Spiritual ramu tour

Hotels:

PREMIUM

1. **Blu-Radisson Bay**
-10,678 BDT per day/night.
2. **Western Alliance**
-6,100 BDT per day/night.

NON-PREMIUM


Ticket:

1. Bus:

Shohag
AC - 400 BDT
Non AC - 300 BDT

Hanif
AC - 400 BDT
Non AC - 300 BDT




16. Book Trip (User)



- Profile
- Travel Info
- Book Trip
- My Booking
- Settings

Book Trip


Book for required travel destination

 **TRANSPORTATION**
 **HOTELS**
 **TOUR**

☒ **Local**
☐ **International**

Destination From **Dhaka** To **Sylhet**

Medium ☒ **Bus** ☐ **Plane**

Journey Date Jan 19, 2023  **Ok**

Type **AC**

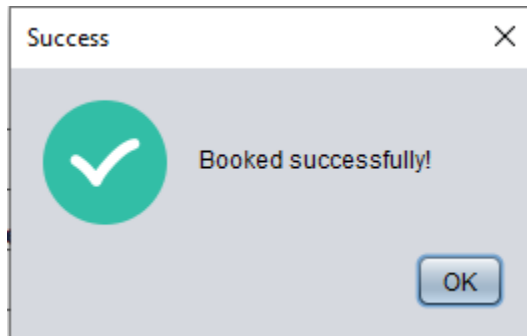
Bus **Shohag - 500 BDT**

Trip Type ☒ **One Way** ☐ **Round Way**

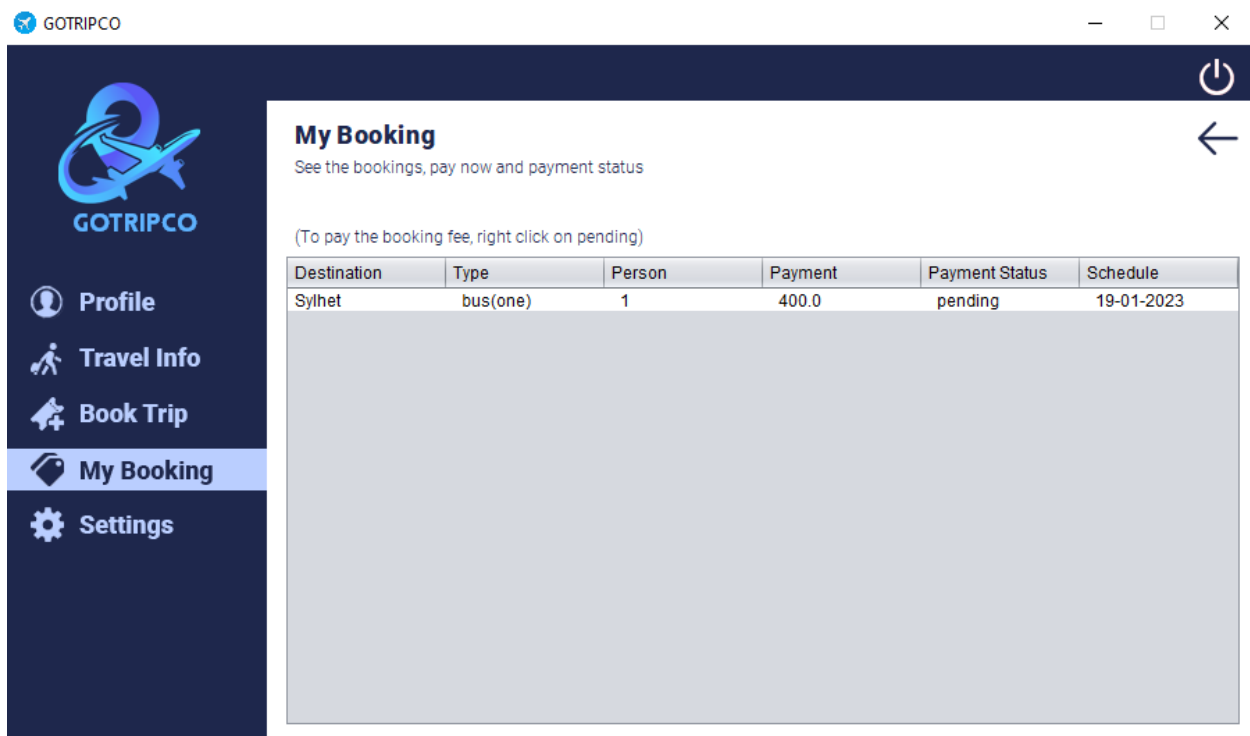
Person

Cancel
Confirm

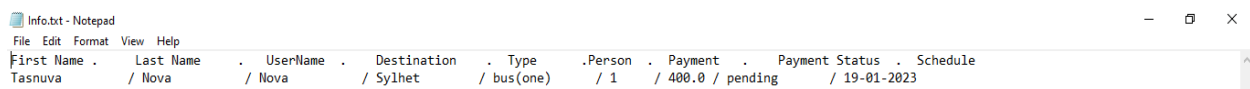
17. Successful Booking



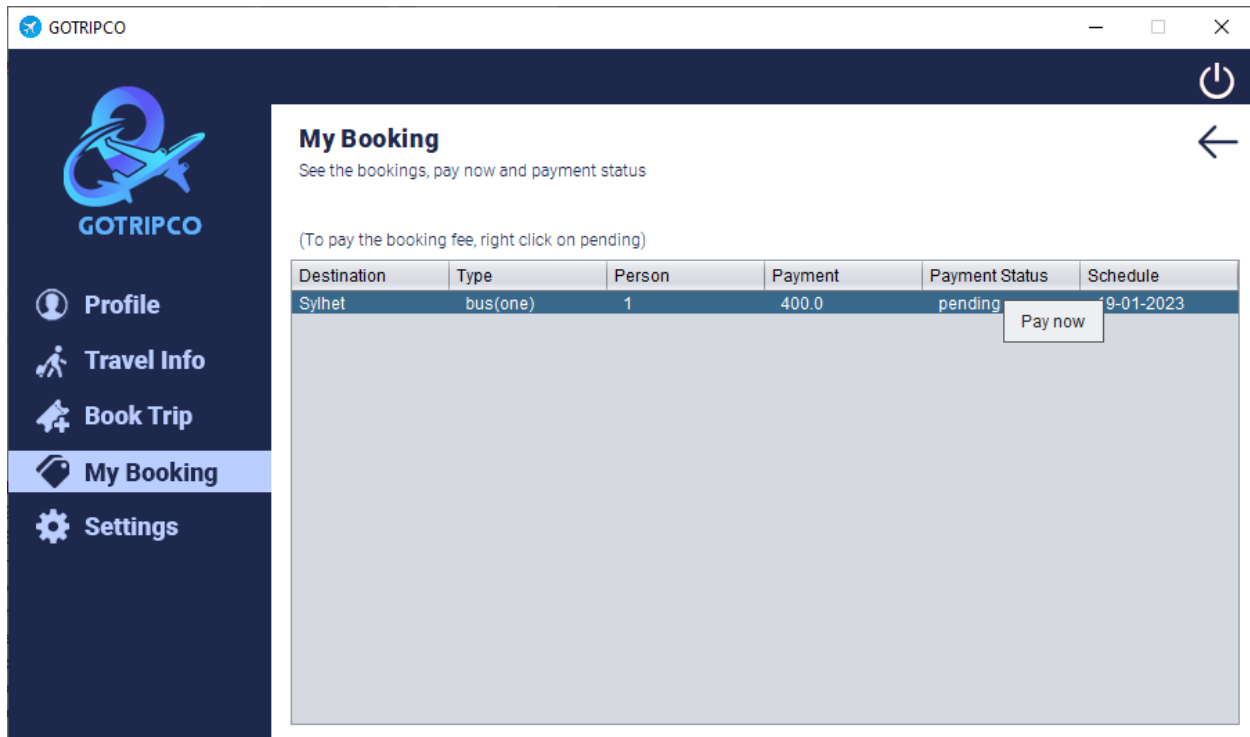
18. My Bookings (User)



19. Info of booking in Info.txt file



20. Payment option



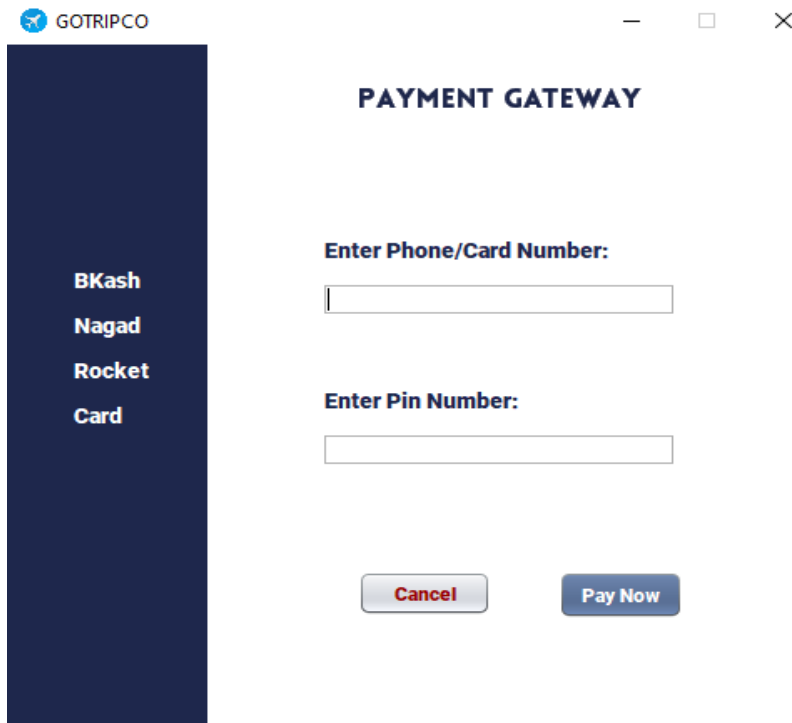
My Booking
See the bookings, pay now and payment status

(To pay the booking fee, right click on pending)

Destination	Type	Person	Payment	Payment Status	Schedule
Sylhet	bus(one)	1	400.0	pending	9-01-2023

Pay now

21. Payment method



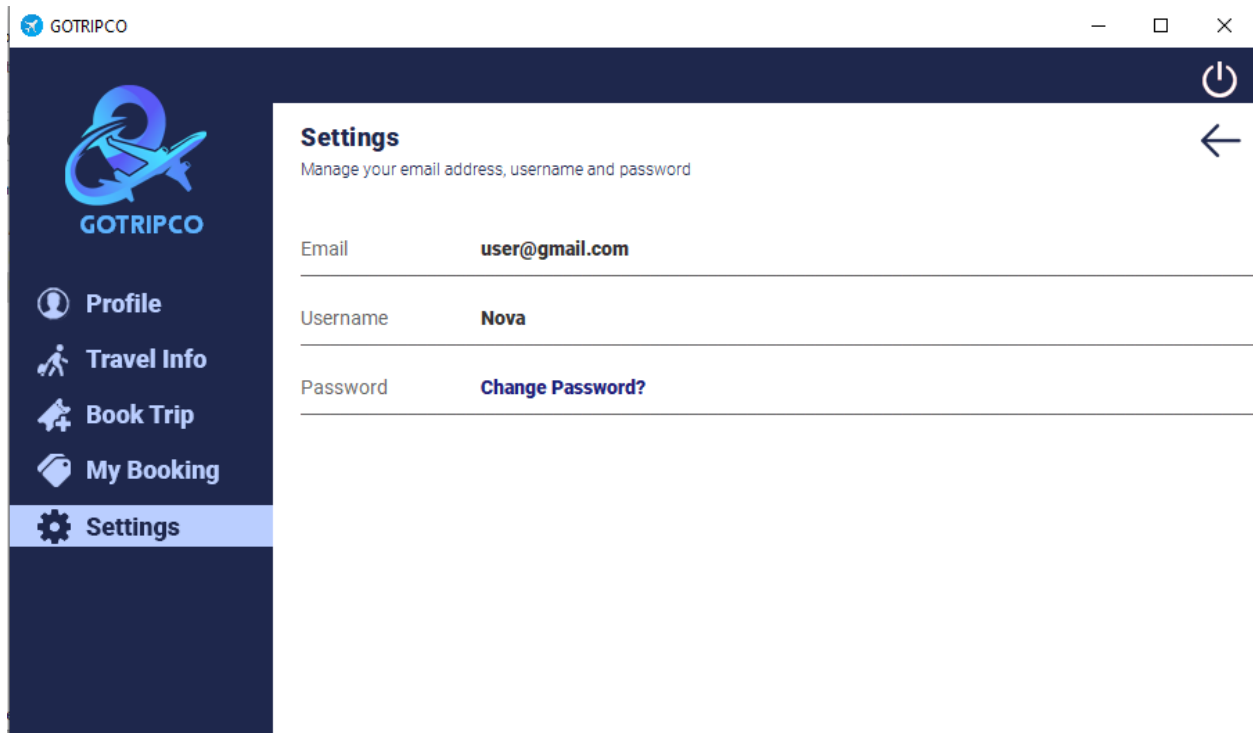
PAYMENT GATEWAY

Enter Phone/Card Number:

Enter Pin Number:

Cancel **Pay Now**

22. User Settings



GOTRIPCO

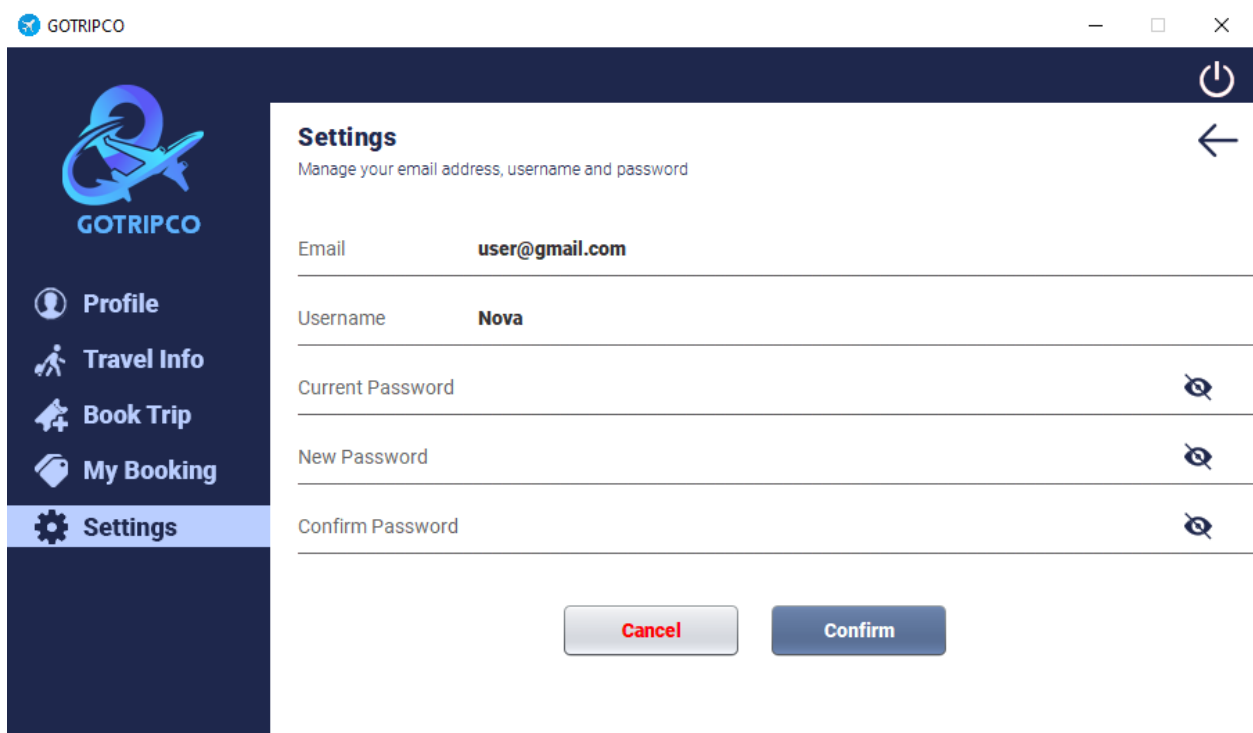
Settings
Manage your email address, username and password

Email **user@gmail.com**

Username **Nova**

Password **Change Password?**

23. Change User Password





GOTRIPCO


Settings
Manage your email address, username and password

Email **user@gmail.com**

Username **Nova**

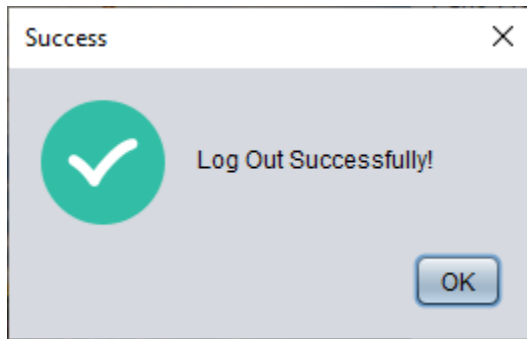
Current Password 

New Password 

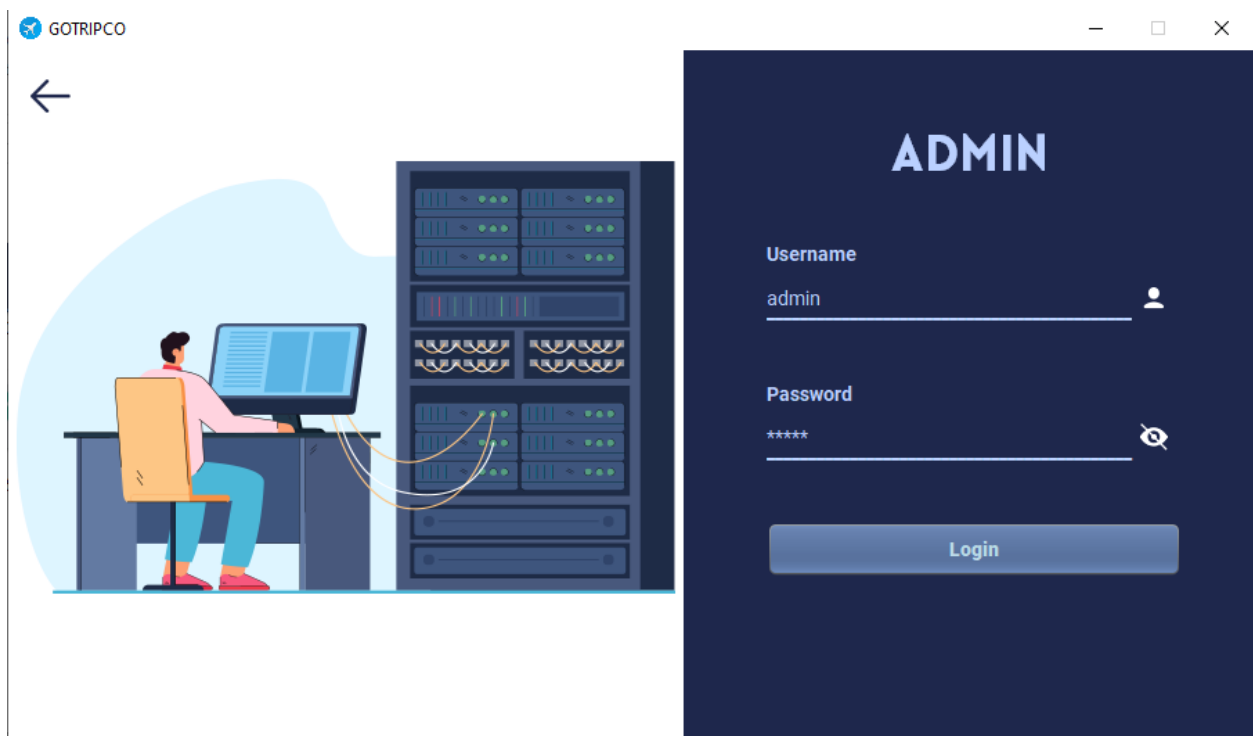
Confirm Password 

Cancel **Confirm**

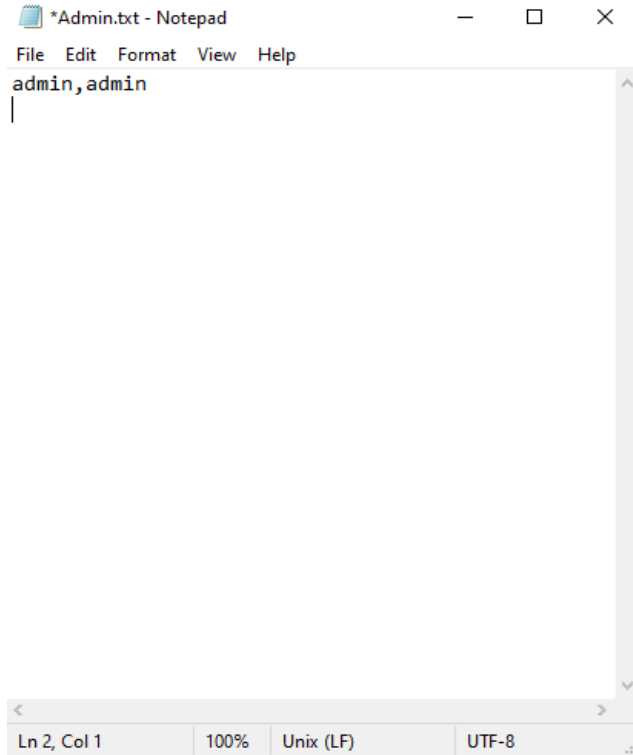
24. Successful Log out



25. Admin Login



26. Admin info in Admin.txt file



27. Admin Dashboard



28. Manage Booking (Admin)

Manage Booking
See the bookings, payment status of all users

First Name	Last Name	Username	Destination	Type	Person	Payment	Payment ...	Schedule
Tasnuva	Nova	Nova	Sylhet	bus(one)	1	400.0	pending	19-01-20...

29. User Book List for specific users (Admin)

User Book List
See the individual users bookings, payment status


First Name


Last Name


User Name



Show Bookings

30. User Book List to show bookings of user


GOTRIPCO

 **Manage Booking**

 **User Book List**

User Book List

See the individual users bookings, payment status

Username: **Nova**

Destination	Type	Person	Payment	Payment Status	Schedule
Sylhet	bus(one)	1	400.0	pending	19-01-2023