

# Final project:

## Swift Transfer App

# Team members:

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# Description:

Swift Transfer Car Booking App is a user-friendly web application built with Flask and Bootstrap. Seamlessly book your car by providing essential details such as your name, pickup, and drop-off locations, date, time, and contact number. After submitting the form, you'll receive a confirmation message, assuring your booking is confirmed. Our team will reach out to you soon, ensuring a swift and convenient travel experience.

```
1  # First import flask and redirect, url_for
2
3  from flask import Flask, render_template, request
4
5  app = Flask(__name__)
6
7
8  from flask import redirect, url_for
9
10
11 @app.route('/', methods=['GET', 'POST'])
12     # If the request is POST, extracts user input data such as name, pickup and dropoff locations,
13     # date, time, and contact number from the submitted form.
14 def index():
15     if request.method == 'POST':
16         name = request.form['name']
17         pickup_location = request.form['pickup_location']
18         dropoff_location = request.form['dropoff_location']
19         date = request.form['date']
20         time = request.form['time']
21         contact_number = request.form['contact_number']
22
23     # Let's just print the details.
```

```

14 def index():
15     if request.method == 'POST':
16         name = request.form['name']
17         pickup_location = request.form['pickup_location']
18         dropoff_location = request.form['dropoff_location']
19         date = request.form['date']
20         time = request.form['time']
21         contact_number = request.form['contact_number']
22
23         # Let's just print the details.
24         print(f"Name: {name}, Pickup Location: {pickup_location}, Dropoff Location: {dropoff_location}")
25
26         # Redirect to the confirmation page
27         return redirect(url_for('confirmation'))
28
29     return render_template('index.html')
30
31 @app.route('/confirmation')
32 def confirmation():
33     return render_template('confirmation.html')
34
35
36 if __name__ == '__main__':

```

```

1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta http-equiv="X-UA-Compatible" content="IE=edge">
6     <meta name="viewport" content="width=device-width, initial-scale=1.0">
7     <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
8     <title>Swift Transfer App</title>
9 </head>
10 <body>
11     <div class="container mt-5">
12         <h1 class="mb-4">Swift Transfer</h1>
13         <form method="POST">
14             <div class="form-group">
15                 <label for="name">Name:</label>
16                 <input type="text" class="form-control" id="name" name="name" required>
17             </div>
18             <div class="form-group">
19                 <label for="contact_number">Contact Number:</label>
20                 <input type="tel" class="form-control" id="contact_number" name="contact_number" required>
21             </div>

```

```

1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta http-equiv="X-UA-Compatible" content="IE=edge">
6     <meta name="viewport" content="width=device-width, initial-scale=1.0">
7     <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
8     <title>Swift Transfer - Booking Confirmation</title>
9 </head>
10 <body>
11     <div class="container mt-5">
12         <h1 class="mb-4">Booking Confirmation</h1>
13         <p>Thank you for using Swift Transfer! Your booking is confirmed.</p>
14         <p>We will contact you soon at the provided contact number. Safe travels!</p>
15     </div>
16 </body>
17 </html>
18

```

# Swift Transfer

Name:

asad

Contact Number:

03446789055

Pickup Location:

karachi



Dropoff Location:

thatta

Date:

dd/mm/yyyy

Time:

-   127.0.0.1:5000/confirmation

## Booking Confirmation

Thank you for using Swift Transfer! Your booking is confirmed.

We will contact you soon at the provided contact number. Safe travels!