



# PROJECT **FINAL DESTINATION GAME** **JENNI, RASHI, XUAN**

<https://github.com/XUANDANG1109/FLIGHT-GAME-PROJECT>





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# INTRODUCTION

A Final Destination Game built using Python (PyCharm), Database SQL

The purpose of game is to create a game that is entertaining, fun, and a little bit of your luck.

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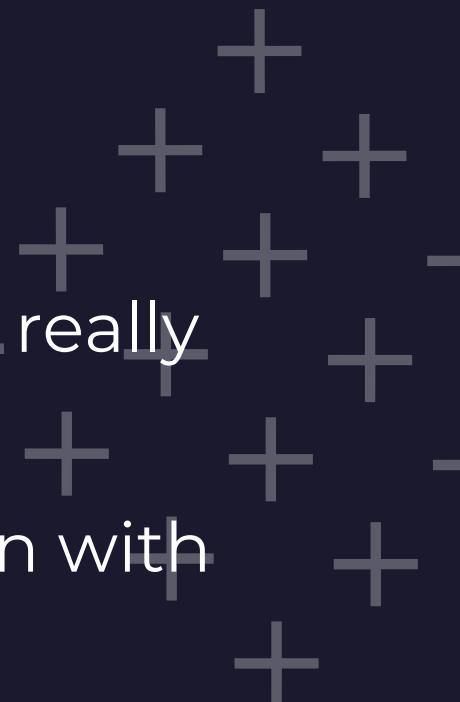


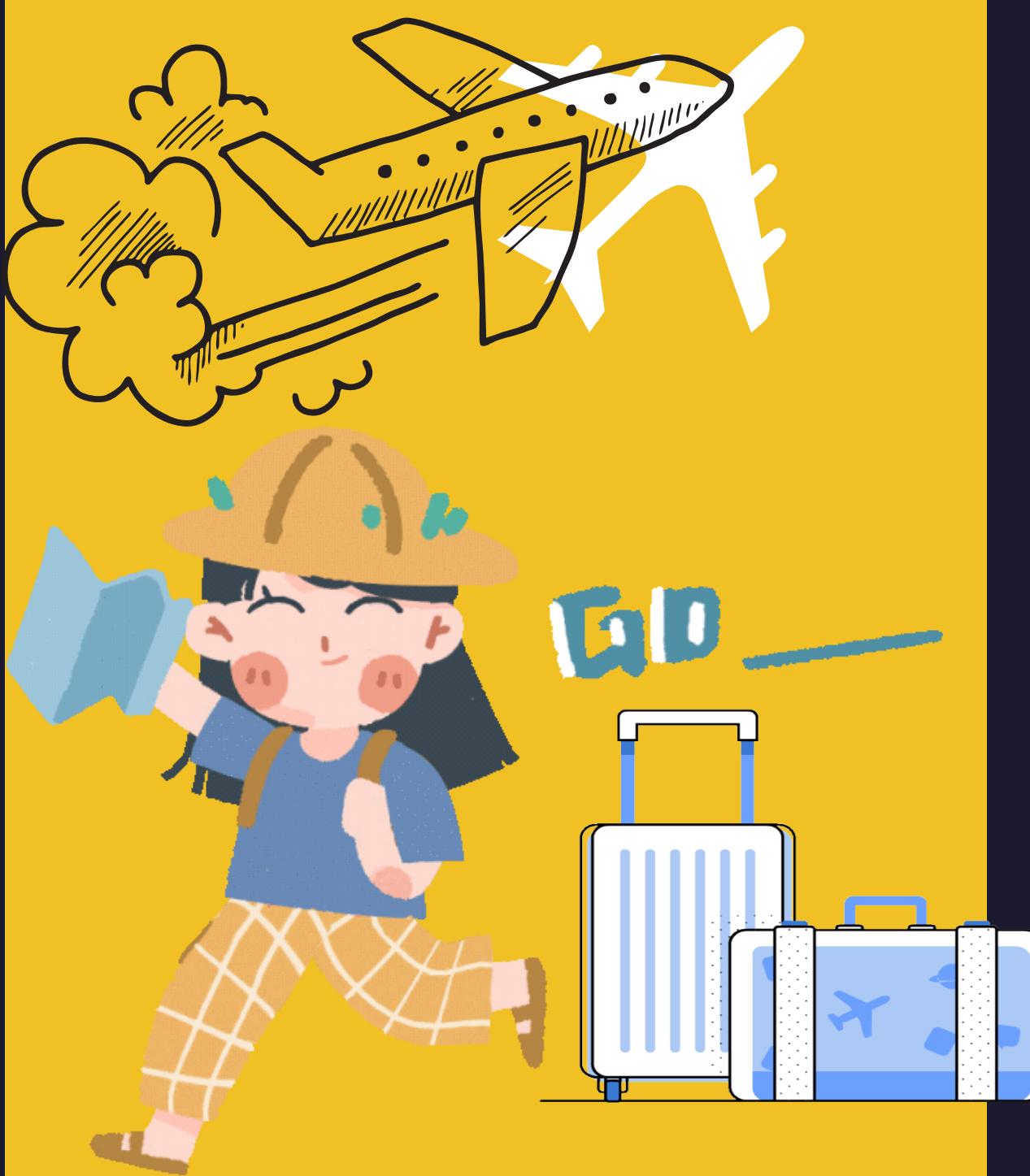
# VISION

- The world at your fingertips.
- It is a game. Let's test your luck with this really simple game!.
- Challenge yourself and enjoy hours of fun with this game.

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# GAME STORY

The player is a guy who has a very beautiful girlfriend. Both live in Finland.

The guy had to go to work, so she made the decision to travel alone to the destination she wanted to go. Unfortunately, while traveling, he lost contact with his girlfriend while travelling.

The boyfriend only knows where she wants to travel, but he does not know where she will transit.

In order to determine where she went, the boyfriend needed to guess the airport she was transiting through.

The boyfriend has only three chances to figure out where the girl has transited.

After 3 wrong guesses, the couple will not see each other forever , they are not destined for each other.

On the contrary, If he guesses right, the ending will be happy, the couple will get married and have children....

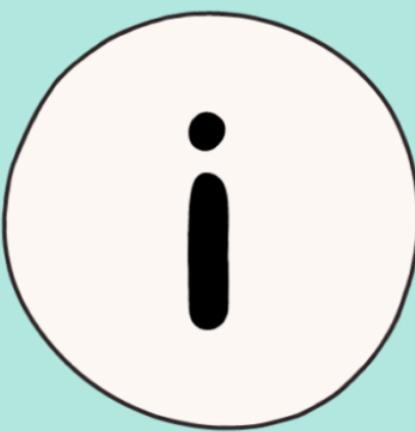
# INFORMATION

## Features:

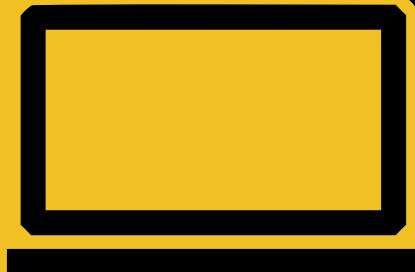
- Final destination game is set in present day.
- Use English.
- More than 30 countries to choose from.
- Frequent application updates!

## Tips:

Final destination game requires an Internet connection to complete the missions. Turn on Wifi or be sure to have a data plan.



**IMPORTANT  
INFORMATION**

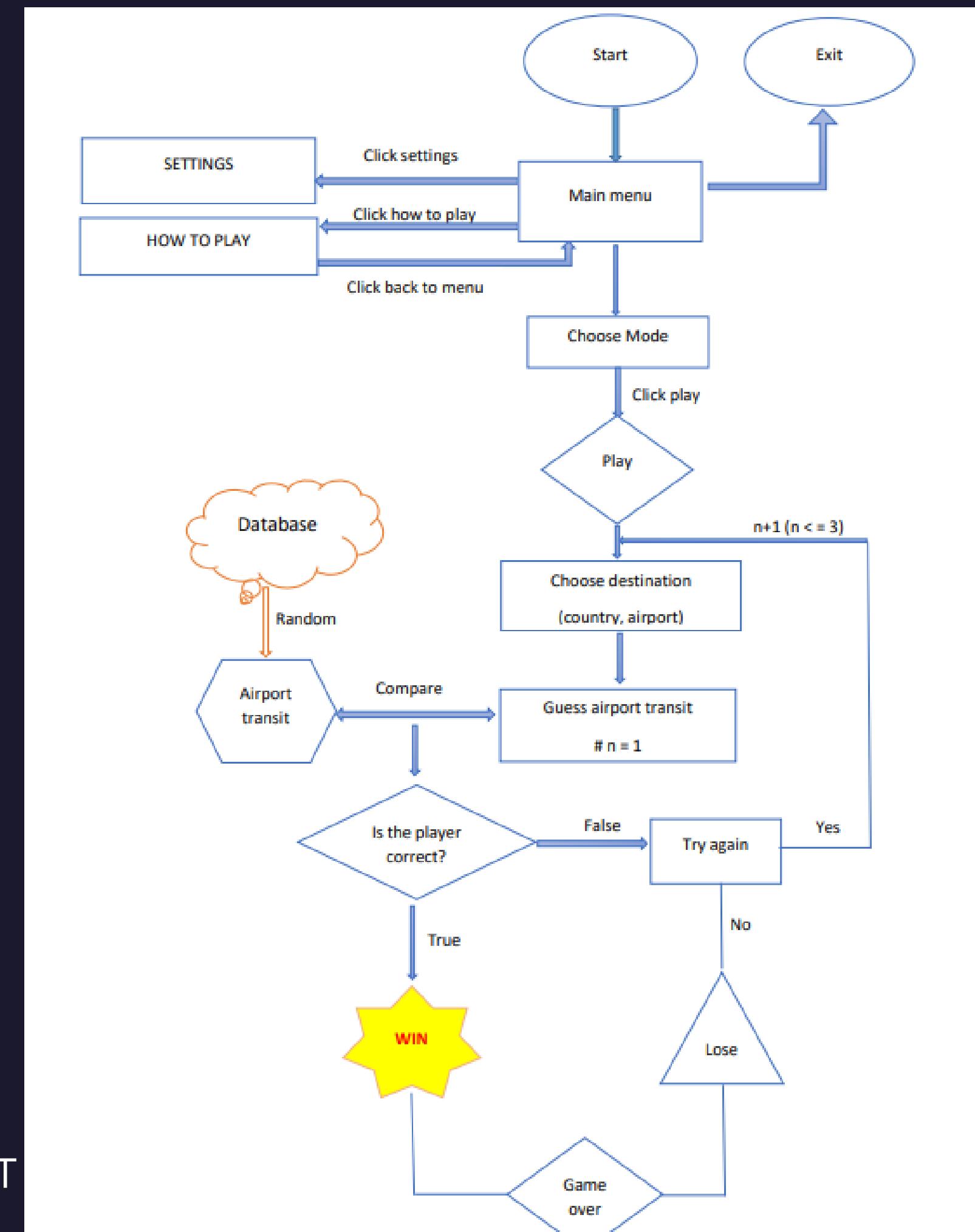


# FLOW CHART



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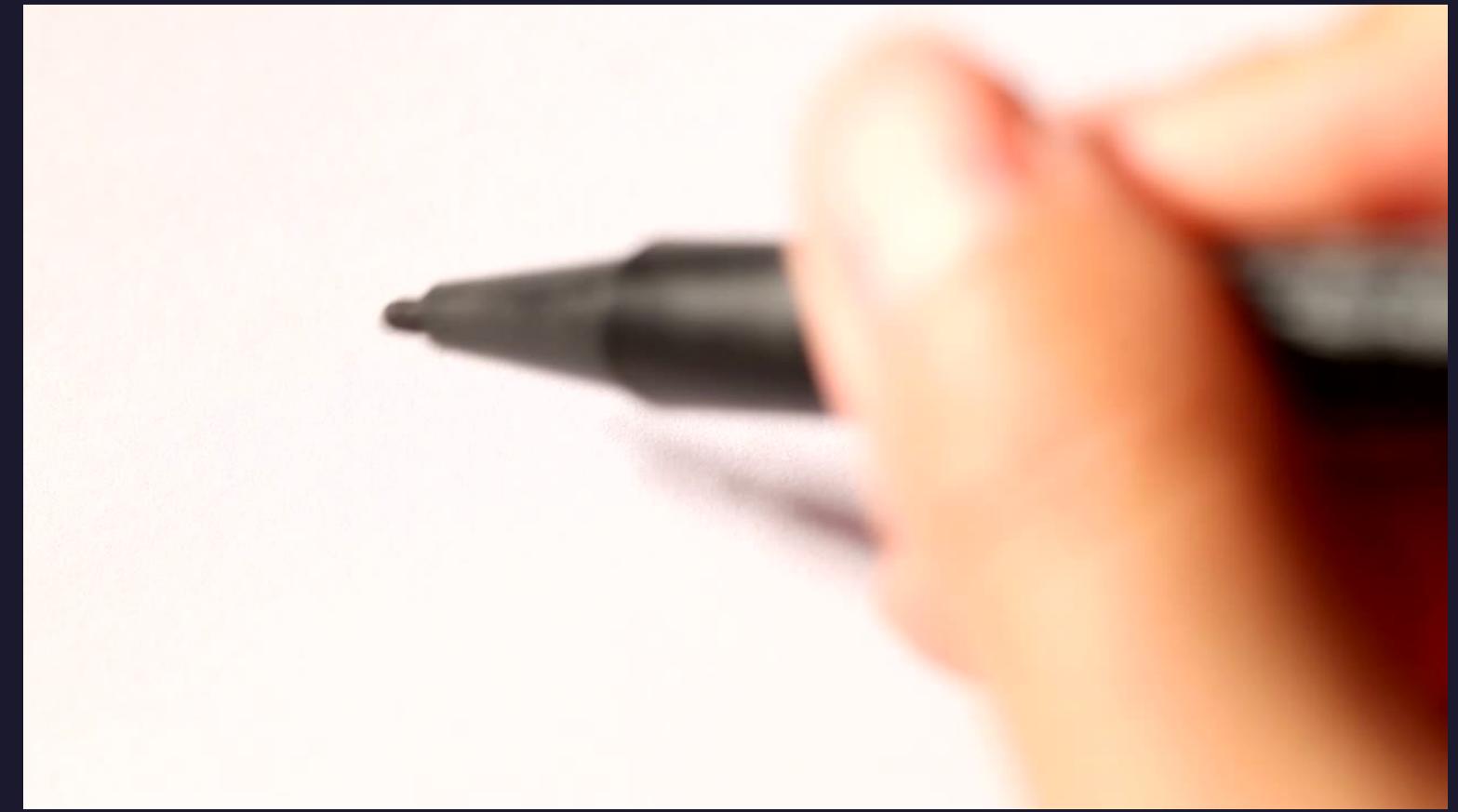
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## ● ● ● **FUNCTIONAL REQUIREMENTS:**

Choose your favorite country and fly around the beautiful big open world and complete challenging missions in this realistic game. The success of a player is a stroke of luck.



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# How the game works:



- Final destination game - Fun game to pass time



- A game is a single player game where players can fly from Finland to different countries and guess where you will be randomly transiting.



- Players start in Helsinki, Finland. They will choose a destination where they want to go. Then, they will guess where you will be transiting. The mission is that players need to guess where the transit matches the system's transit. Players have 3 attempts to guess. After 3 failed attempts, the game is over !!!



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# █ QUALITY REQUIREMENTS: █

We created a new database from the existing one and removed a lot of unnecessary information.

This made the database faster.

All functions created were run through the PyCharm project.

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# MENU

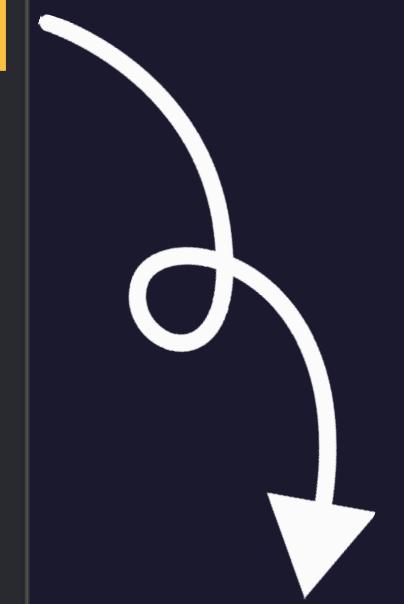
```
def main_page():
    while True:
        print("1. Instructions")
        print("2. Play")
        print("3. Exit the game")
        userinput = int(input("Choose the number: "))
        if userinput == "" or int(userinput) > 3 or int(userinput) < 1:
            input("Invalid input, choose a number between 1-3: ")
        elif userinput == 1:
            instructions()
        elif userinput == 2:
            print("Game starts...")
        elif userinput == 3:
            break
    return

def instructions():
    print("1. You will be given two lists of airports: all available airports and all available transit countries\n"
          "2. You have to choose a destination country.\n"
          "3. You will guess the right transit country for the destination you have chosen\n"
          "4. If you guess right, you will win If you guess wrong you will have 3 attempts more")
    inputInstructions = input("Press enter to go back to main page.")
    if inputInstructions == "":
        main_page()
    return
```

```
Welcome to flight game!
Please write your name here: rashি
Welcome to play rashि!
1. Instructions
2. Play
3. Exit the game
Choose the number: 1
1. You will be given two lists of airports: all available airports and all available transit countries
2. You have to choose a destination country.
3. You will guess the right transit country for the destination you have chosen
4. If you guess right, you will win If you guess wrong you will have 3 attempts more
Press enter to go back to main page.
1. Instructions
2. Play
3. Exit the game
```



# FUNCTIONS



```
64 def print_list(airport):
65     #sql = "SELECT country, airport FROM all_locations"
66     #sql += " WHERE country='{}' + airport + ''"
67     cursor = connection.cursor()
68     cursor.execute(" SELECT country, airport, icao FROM all_locations")
69     result = cursor.fetchall()
70     if cursor.rowcount > 0:
71         for row in range(1):
72             print(tabulate(result, tablefmt="fancy_grid"))
73     print("Here is the list of available destination countries")
74
75
76
77     airport = "Here is the list of available destination countries."
78     print_list(airport)
79
80
81 RCHAUHANN
82 def dest(airport):
83     sql = "SELECT country, airport FROM all_locations"
84     sql += " WHERE country='{}' + airport + ''"
85     cursor = connection.cursor()
86     cursor.execute(sql)
87     result = cursor.fetchall()
88     if cursor.rowcount > 0:
89         for row in result:
90             print(f"\n Your final destination is {} and the airport is {}")
```



Saudi Arabia	Riyadh King Khalid International Airport	OERK
Russia	Moscow Sheremetyevo A.S. Pushkin international airport	UUEF
Sweden	Stockholm Arlanda International airport	ESSH
Singapore	Singapore Changi Airport	WSSS
USA	Washington Dulles International Airport	KIAD
Thailand	Bangkok Suvarnabhumi Airport	VTBS
Chile	Santiago de Chile Arturo Merino Benítez International Airport	SCEL

Here is the list of available destination countries

Please enter the destination country: USA

Your final destination is USA and the airport is Washington Dulles International Airport

# FUNCTIONS

```
def ran_connect(ran):
    sql = "SELECT country FROM connections"
    ran = random.choice(sql)
    cursor = connection.cursor()
    cursor.execute(sql)
    result = cursor.fetchall()

    return ran

guess = input("\n Guess the connecting airport country: ")
correct = ran_connect(guess)
count= 0

while guess != correct and count <2:
    print("YOU'RE WRONG! TRY AGAIN BEFORE YOU LOSE HER!")
    guess = input("Guess the connecting airport: ")
    count += 1

if guess == correct:
    print("~~~~~ YAYYY TRUE LOVE STORY ~~~~")
else:
    print("YOU WILL NEVER SEE HER AGAIN!!")
    print("Choose what you want to do.")

main_page()
```



The list of connecting airports are:

Ankara Esenboga International airport in Turkey  
Berlin Brandenburg International airport in Germany  
Paris Charles de Gaulle International airport in France  
London International airport in United Kingdom  
Amsterdam Airport Schiphol in Netherlands  
Doha Hamad International Airport in Qatar

Guess the connecting airport country: **FRANCE**

YOU'RE WRONG! TRY AGAIN BEFORE YOU LOSE HER!

Guess the connecting airport: **TURKEY**

YOU'RE WRONG! TRY AGAIN BEFORE YOU LOSE HER!

Guess the connecting airport: **QATAR**

YOU WILL NEVER SEE HER AGAIN!!

Choose what you want to do.

1. Instructions

2. Play

3. Exit the game

Choose the number:

THANKYOU



good bye



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