

By: Lance Liu

# Ruby Terminal Application



# Today's Discussion



## Terminal Application

- Main features
- Main structure

## Code Overview

- Main function
- Main classes

# Terminal Application

## Main Features & Structure

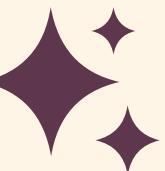
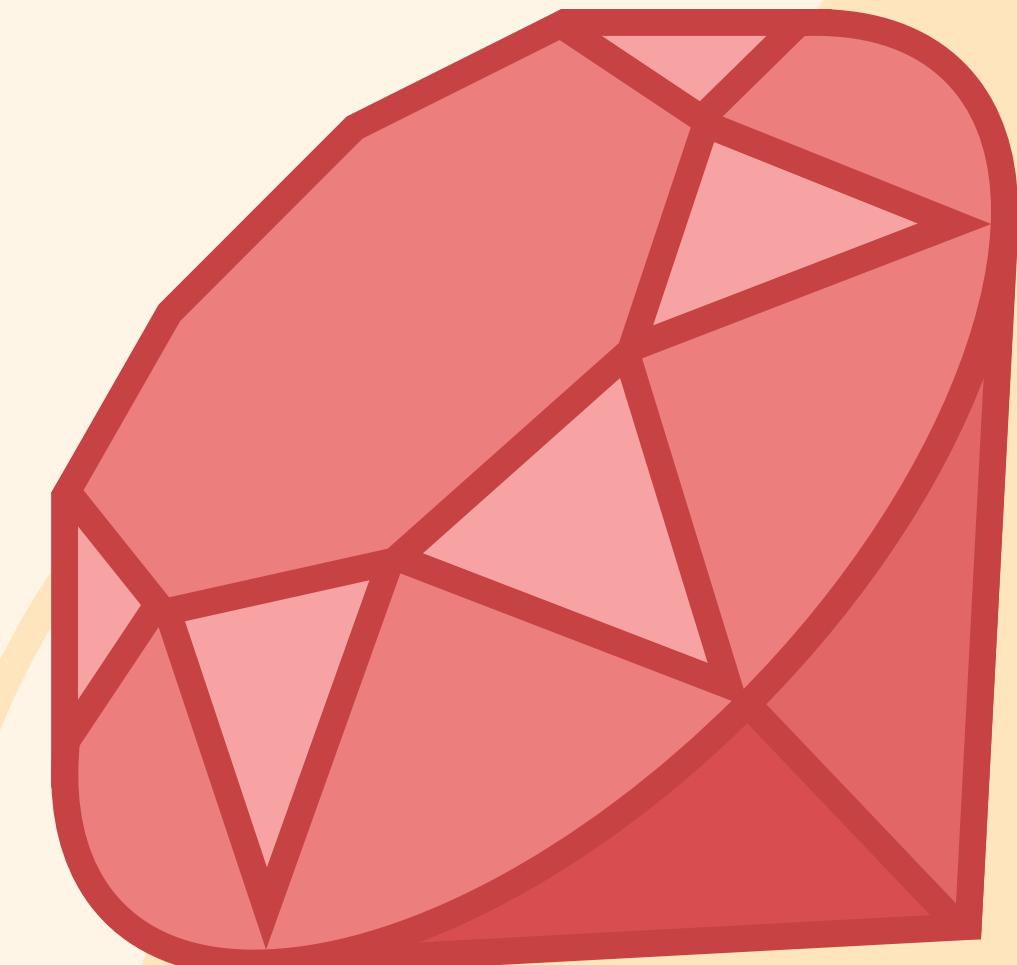
**Display Welcome** when enter app, you can find welcome message

**Users Identify** check if user is return client or new client

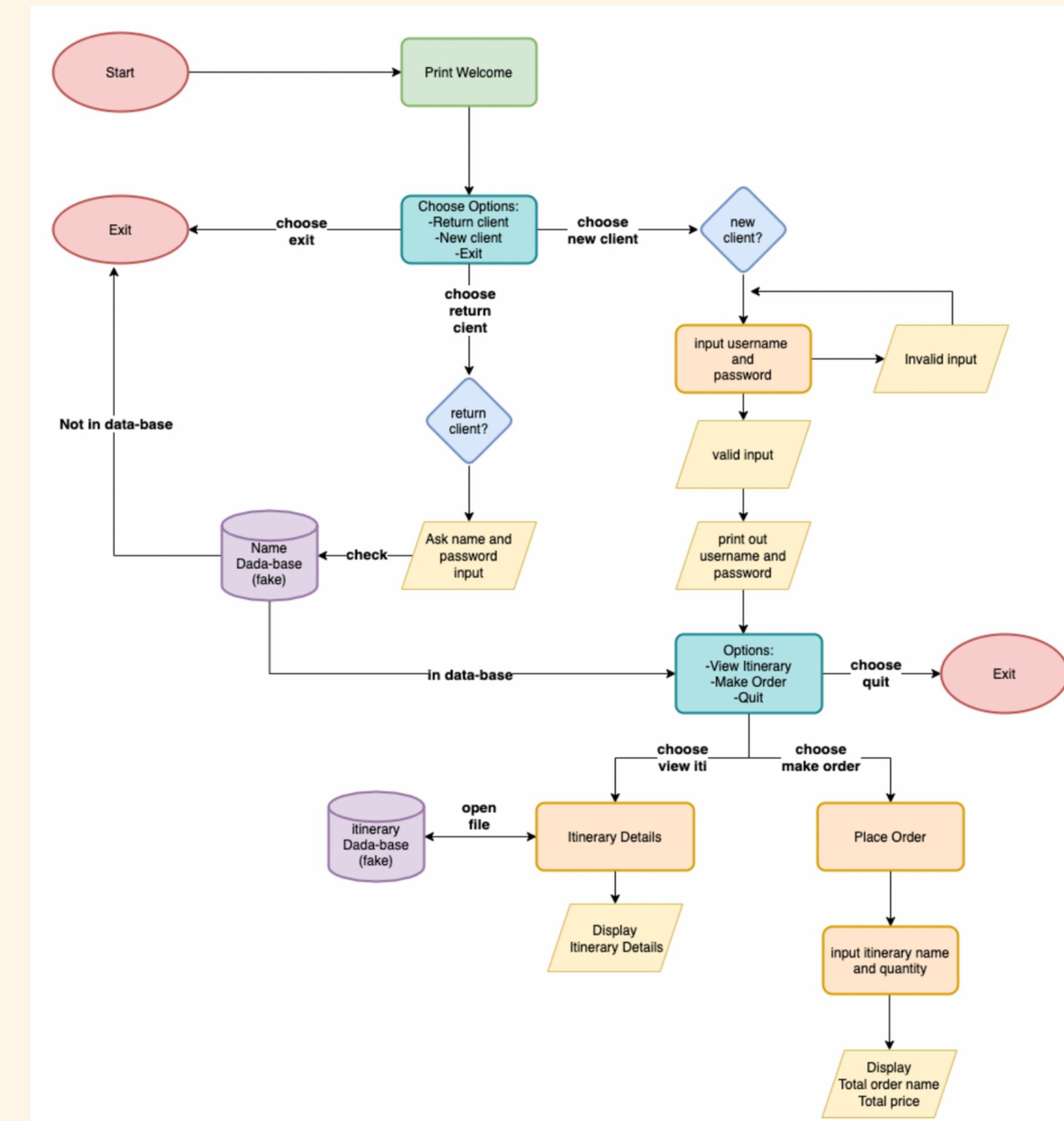
**Provide Options**

- Check itinerary
- Tavel Plan
- Exit

**Place Order** allow user place an order, display order details



# Main Structure

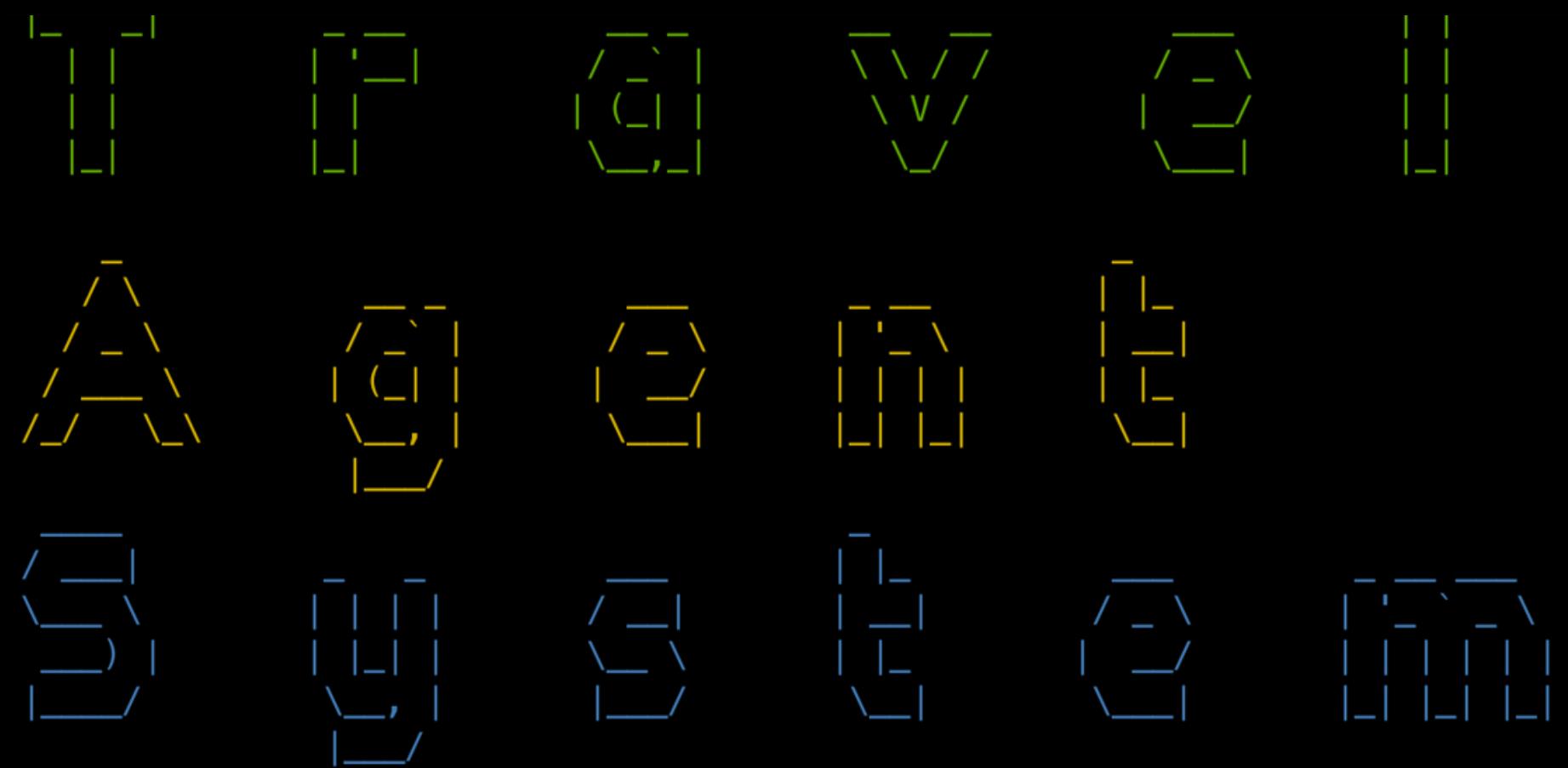


**Display Welcome**

Magic Gem Combination

TTY font

Pastel



Welcome to my travel agent system  
This app is created by Lance Liu

Magic Gem - TTY Prompt

**Users Identify**

Welcome Welcome Welcome

Please find our options below

Please tell us your choise (Press

- ▶ Return-client
- New-client
- Exit

# Users Identify

Return Client?

New Client?

Please tell us your choise **Return-client**  
😊😊 Welcome back, please enter your username  
please type your username  
lance  
welcome back lance  
please enter your password  
12  
Invalid password  
please enter your password  
1234  
Log into System!

Please tell us your choise **New-client**  
Thanks for choosing the application,for new user, p  
Please type username  
goodguy  
Please type password  
  
password cannot be empty or including blank space,  
Please type password  
coolcoolcool  
[■] Loading ..... Thanks for your register 😊  
Your username is: goodguy 🙌  
Your password is: coolcoolcool 🙌

# Provide Options

Check Itinerary

Travel Plan

Exit

Please tell us your choise [Check Itinerary](#)  
Here is our itinerarys  
[Itinerary\\_01](#)

Name: golf tour 01

Details: 18 holes for 5 days, Barnbougle Dunes, Lost Farm, LST golf clubs

Price: \$600/pp

[Itinerary\\_02](#)

Name: golf tour 02

Details: 18 holes for 3 days, Barnbougle Dunes, Lost Farm

Price: \$400/pp

[Itinerary\\_03](#)

Name: LST wine tour

Details: Tamar Valley 6 popular wineries, includs cellar door wine tastings and lunch platter

Price: \$220/pp

[Itinerary\\_04](#)

Name: HBA day tour

# Provide Options

Check Itinerary

Travel Plan

Exit

when you finish your order, please type done  
golf tour 01

Please type your order quantity :)  
1

Itinerary

\*\*\*\*\*

|               |                  |
|---------------|------------------|
| golf tour 01  | ===== > \$600/pp |
| golf tour 02  | ===== > \$400/pp |
| LST wine tour | ===== > \$220/pp |
| HBA day tour  | ===== > \$160/pp |

when you finish your order, please type done  
done

Thanks for your order, please find the details below:

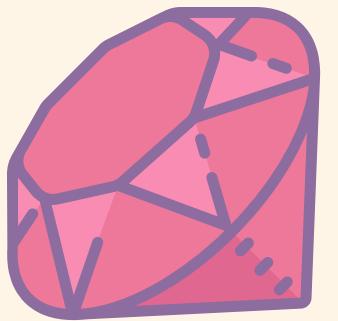
Tour: golf tour 01 \*\*\*\*\* Qty: 1

Waiting ... [===== ]

Your current order price is: \$600.00/pp in total 😊😊

=====

Thanks for your order,please contact our operator to confirm your travel date



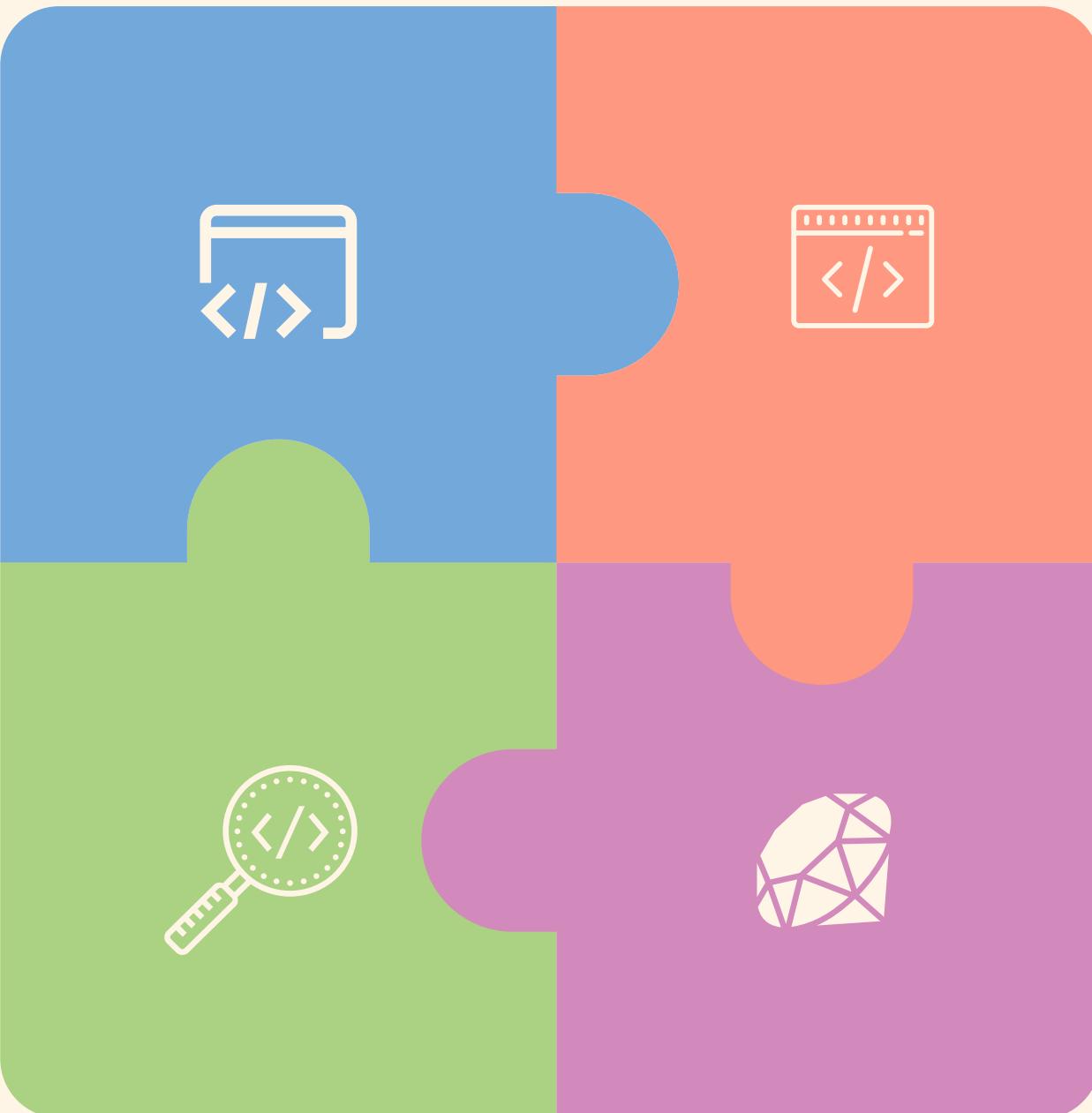
# Code Overview

## Main.rb

This file runs all application, but I try to make it DRY by using classes and methods

## Rspec

TDD for all classes, make sure they are working. And record test record in file



## methods.rb

including lots of functions, such as print welcome, display brochure, file flag, new client register, options

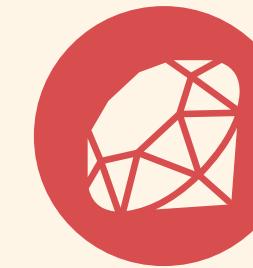
## Classes

TravelPlan,  
Itinerary , Order,  
ItineraryItem,

ExistUsers

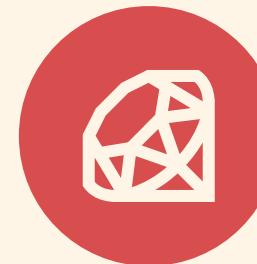
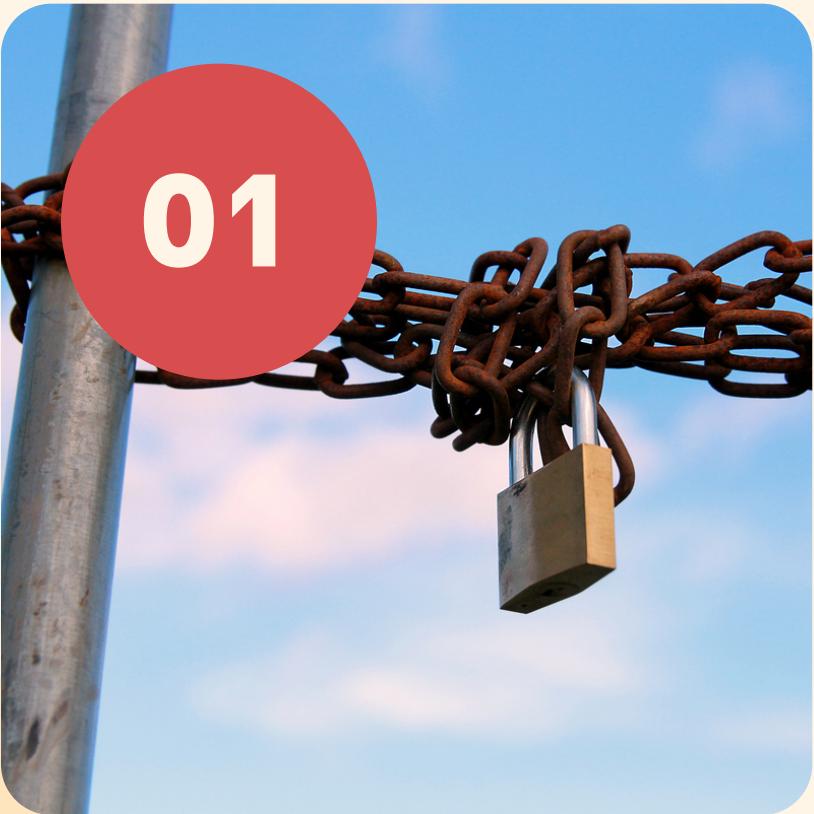


# Inspirations



**Thanks for code teaching  
and video recording**

I got lots of helps and inspirations from our school teachers,  
Brandon J, Alex B and Callum W



## Break out these in future

- Only for single user with single code
- No real data-base, couldn't store users information
- No fetch API or Json (grab itineraries info from website)
- No more functions, such as cancel order, change order etc



**THANK YOU**

Looking forward Ruby On Rails

