

Operation contracts:

Show ticket scenario:

1. Find_flight(time , date, source , destination):

Post condition:

- Instance of F of 'flight' was created.
- F was associated with 'trs'.

Pre condition:

- trs of 'ticket reservation system' exists.

Buy ticket scenario:

1. Add passenger(passenger):

Post condition:

- Instance of p of 'passenger' was created.
- p was associated with t.

Pre condition:

- t of 'ticket' exists.

2. Pay ticket(card _info)

Post condition:

- status of t was set 'bought'.

Pre condition:

- t of 'ticket' exists

Show history Scenario:

1. show history ():

Post condition :

- none

Pre condition:

- U of 'user' exists

Make account Scenario:

1. enter_acount_info(username, pass , retype pass, phone num)

Post condition:

- Instance of u of 'User' was created.
- U was associated with trs.

Pre condition:

- trs of 'ticket reservation system' exists.

2. send_code(code)

Post condition :

- status of u was set 'permanent'.

Pre condition :

- u of 'User' exists

Login scenario:

1. Login(username, password):

Post condition:

- none

Pre condition:

- U of 'user' exists