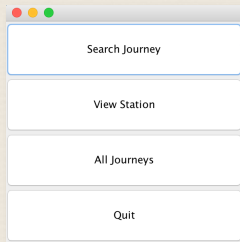


TOURIST PART

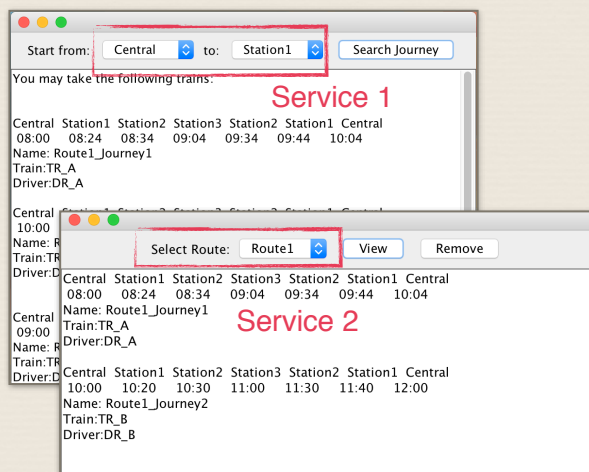
We provide smart **Searching** service for tourists.

You may like to:

1. Searching journey by starting station and destination;
2. View journeys by route;
3. Search which train will be the first to arrive a specified station. (Please see "Manager : <Station Screen Button>")



A vertical menu with four buttons: "Search Journey", "View Station", "All Journeys", and "Quit".

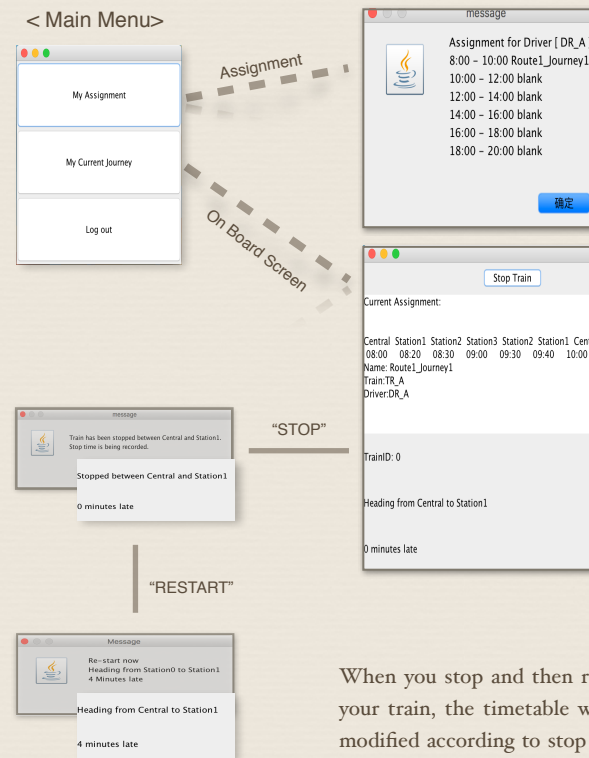


Search Journey interface showing results for "Service 1" and "Service 2". The interface includes a search bar with "Start from: Central" and "to: Station1", and a "Search Journey" button. Below the search bar, it lists train details for two services, including station names, times, and driver information.

DRIVER PART

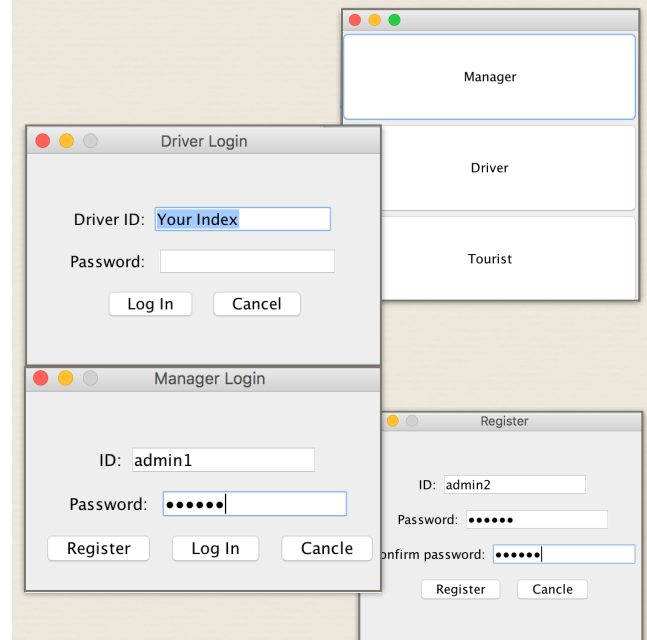
As a **Driver**, you can:

1. check your current assignment.
2. stop or restart the train manually by pressing a button.



When you stop and then restart your train, the timetable will be modified according to stop time. So the on board screen will always in accordance with your actual location and timing.

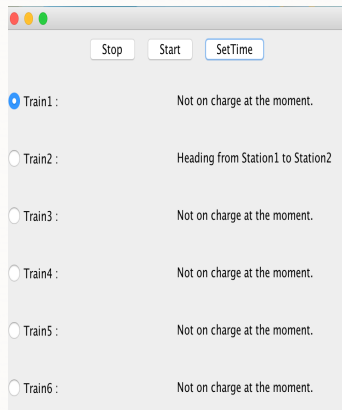
WELCOME TO OUR TOURING



Screenshots of the user interface for Manager, Driver, and Tourist roles, including login and registration forms.

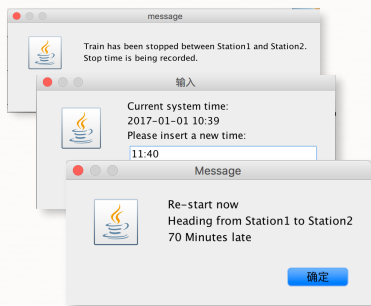
- Manager Login**: ID: admin1, Password: [masked], Register, Log In, Cancel buttons.
- Driver Login**: Driver ID: Your Index, Password: [masked], Log In, Cancel buttons.
- Tourist**: Simple interface with a "Manager" button.
- Register**: ID: admin2, Password: [masked], Confirm password: [masked], Register, Cancel buttons.

- ◆ Working time is 8:00-20:00.
- ◆ Managers and Drivers need password to connect database.
- ◆ Very easy to register a new manager.
- ◆ If you are a user, go ahead to try it!



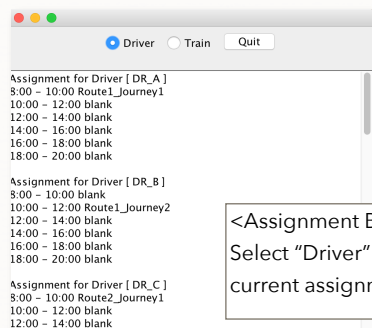
<TRAIN SCREEN BUTTON> :

1. Location and moving/stopping state for each train is shown.
2. You may remotely stop and restart a train here. Invalid operation, such as restart a moving train, will be automatically cancelled by system. So the controlling system is SAFE. Also see "Driver" part as a reference.



<SET TIME BUTTON>:

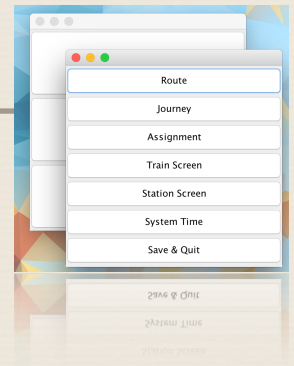
For simulation, we allow manager to set system time and operate with the train screen at that time. The "Set Time" button should be removed when this system is released to any tour company.



<Assignment Button>:
Select "Driver" or "Train" to check current assignments, respectively

MANAGER PART

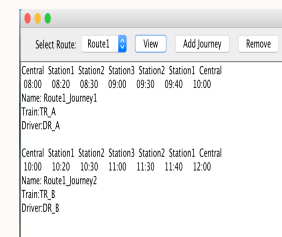
As a manager, you are required to design routes, journeys, as well as the assignment of drivers and trains. You may need to remotely stop or restart train. You can view the real-time location of trains. You can see station screens which shows the coming train.



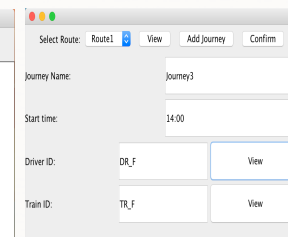
<JOURNEY BUTTON>:

You may select a route to:

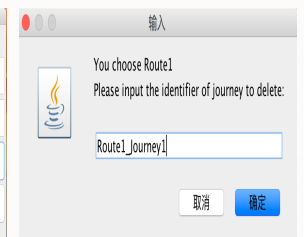
1. View all journeys of it.
2. Add new journey to route by specify *start time, driver and train*. System will automatically check if your assignment is suitable.
3. Select a journey and cancel it. Driver and train's assignment will be automatically removed.



1. Journey information



2. Add new journey. Click "view" to see drivers' and trains' assignments.

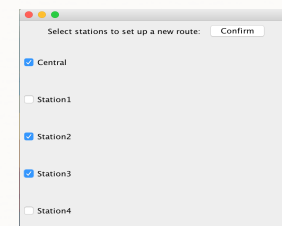


3. Selecting a route, then input the name of route to delete.

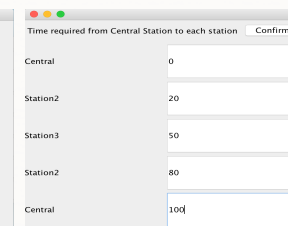
<ROUTE BUTTON>:

To create a new route:

1. Select stations that the new route will to through.
2. Specify the time (in minutes) required from Central Station to each of the other stations selected in 1.
3. Name the route.



1. Select station



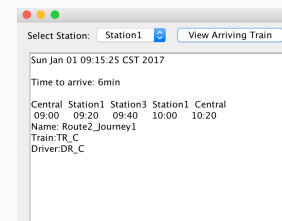
2. Set time.



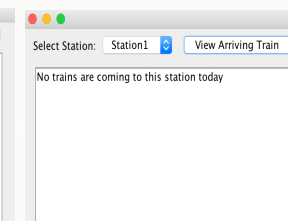
3. Name.

<STATION SCREEN BUTTON>

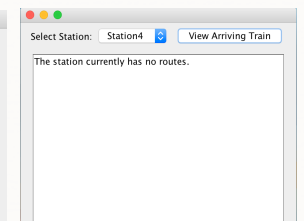
1. You can scan each station's screen to see if there will be a train going to the station today. Journey information will be shown if a train will come.
2. Screen will show a notice if there is no train today, or this station currently has no routes passing through.



1. A train will come.



2. No trains today.



3. No routes so far.