# Software User’s Manual

## Installation Guide

### Setting up environment at server side

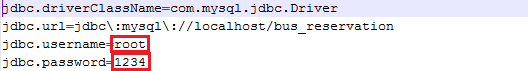
The following software must be installed into the server machine:

* Microsoft Windows 7 or a higher version
* Apache Tom Cat version 6 (can download from <http://tomcat.apache.org/>)
* Java Runtime Environment version 6 (can download from <http://www.microsoft.com/en-us/download/details.aspx?id=21>)
* mysql-5.1.65-win32 or higher (can download at <http://www.mysql.com/downloads/> )

After all necessary software is installed into the server; the deployed device needs to get the path to the Tom Cat server’s folder by setting CATALINA\_HOME environment variable to Tom Cat server’s folder

### Deployment at server sites

* Open MySQL and import bus-reservation.sql to create a new schema named bus\_reservation
* Copy bus-reservation.war file to %CATALINA\_HOME%\webapps
* Start Tomcat server by running %CATALINA\_HOME%\bin\startup.bat
* After the server successfully start up, modify the following files:
  + %CATALINA\_HOME%\webapps\bus-reservation\src\main\resources\ database.properties and change the following rows:



Change the value of jdbc.username to MySQL login username

Change the value of jdbc.password to MySQL login password

### Setting up environment at client side

The client devices need to have one of the following browsers to access the bus-reservation websites:

* Google Chrome version 20 or higher(can download at <https://www.google.com/intl/en/chrome/browser/>)

## User’s Guide

### Guest Guide

### Register



Figure : Register button

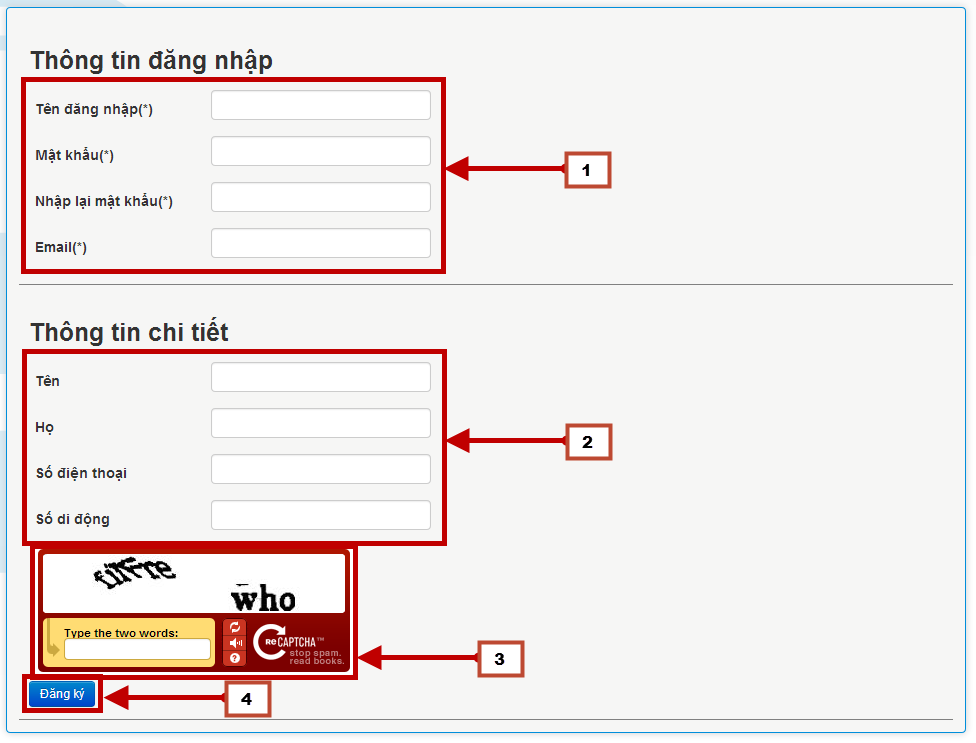


Figure : Register page

| **STEP** | **DESCRIPTION** |
| --- | --- |
| **1** | Click button “Đăng kí” |
| **2** | Fill username, password, confirmed password, email [1] (required)  Fill customer’s personal information [2] (optional)  Type the displayed captcha [3] (required) |
| **3** | Click button “Đăng kí” [4] |
| **4** | Check user’s mailbox for activation mail. Follow the instruction inside to complete registration process |

### Create reservation:

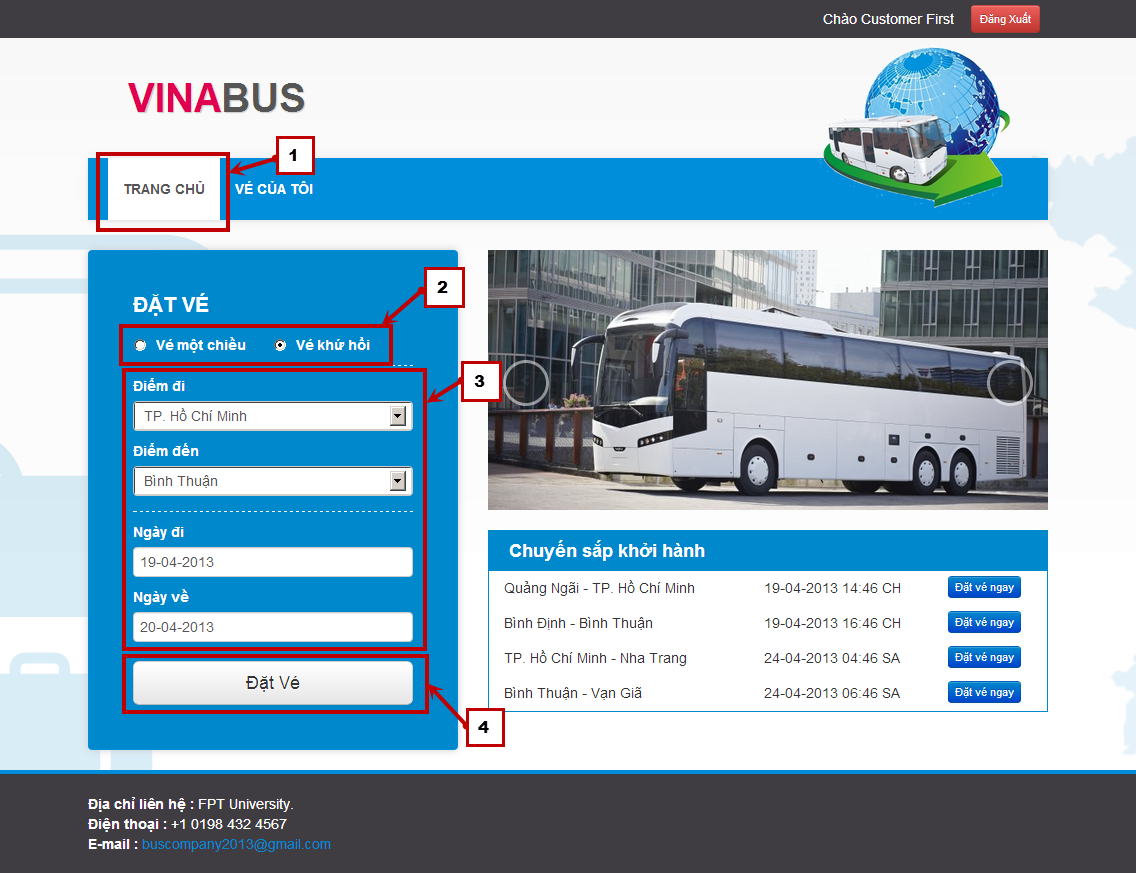


Figure : Input search criteria

| **STEP** | **DESCRIPTION** |
| --- | --- |
| **1** | Click tab “Trang chủ” |
| **2** | Choose ticket type, one-way or round-trip |
| **3** | Choose origin, destination, departure date, arrival date\*  \* Only choose arrival date for round trip |
| **4** | Click button “Đặt vé” |

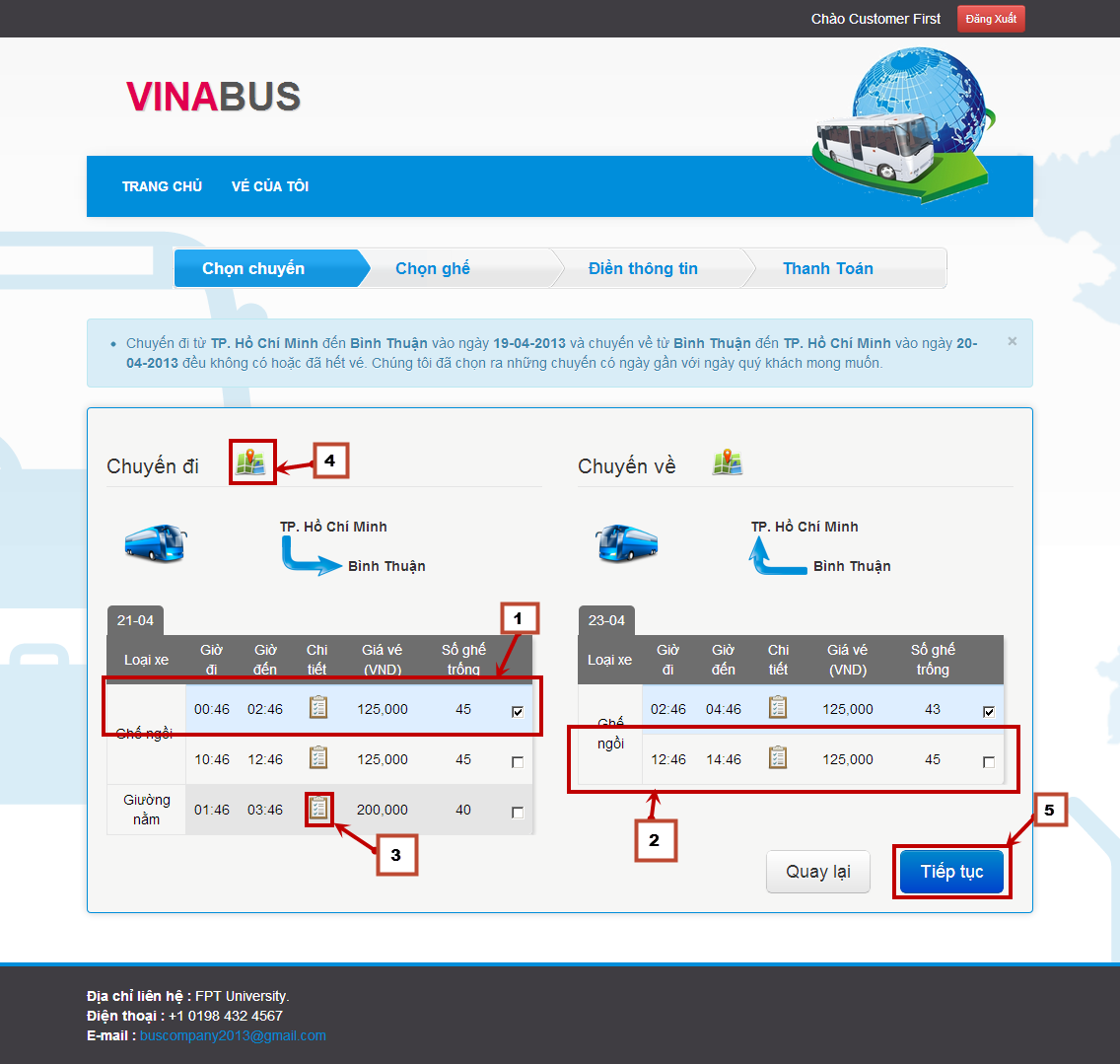


Figure : Choose trip

| **STEP** | **DESCRIPTION** |
| --- | --- |
| **5** | Click on a trip to select it [2]  Click on a selected trip to deselect it [1]  Click button view details [3] to view the trip details  Click button view map [4] to view the route |
| **6** | Select at least one trip and click “Tiếp tục” to book for the selected trip(s) |

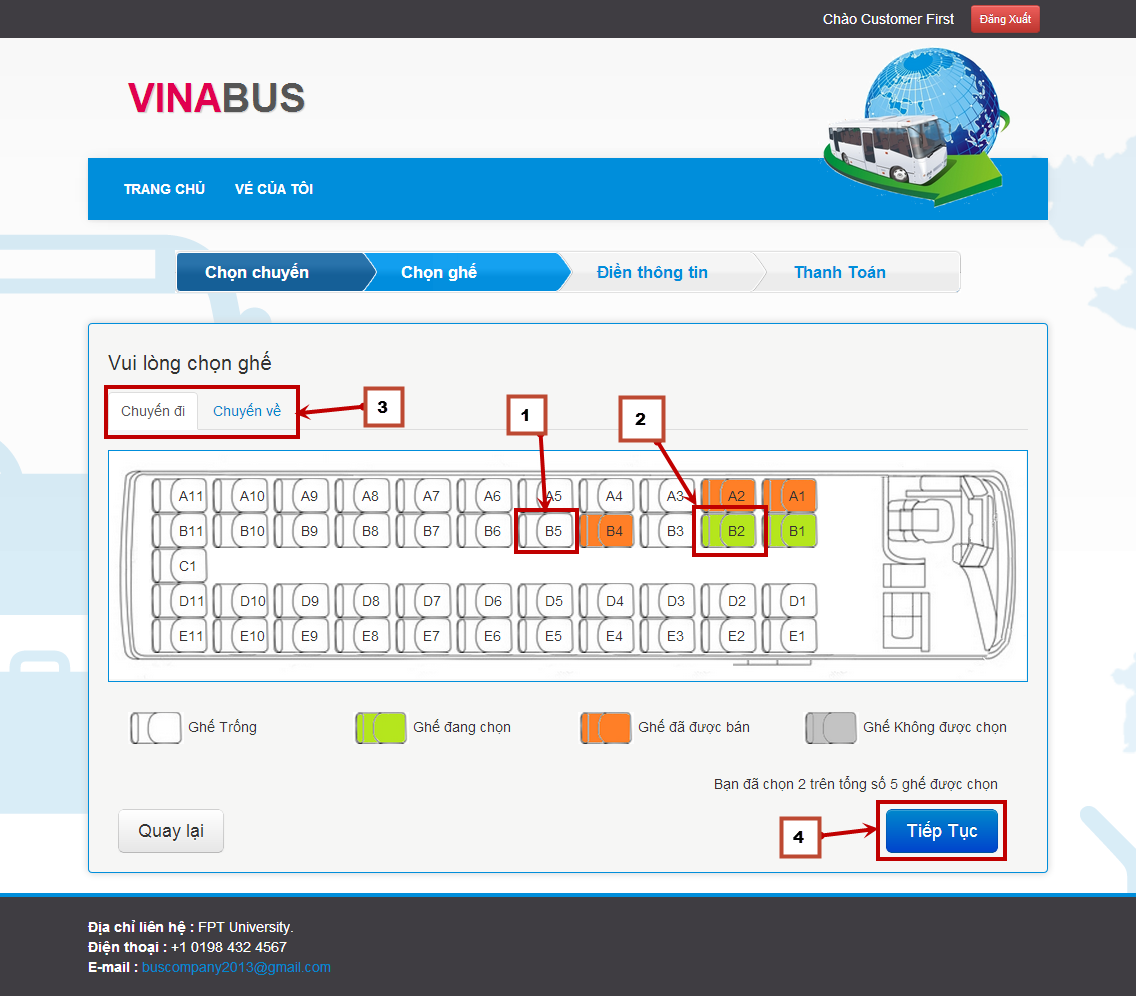


Figure : Choose seat

| **STEP** | **DESCRIPTION** |
| --- | --- |
| **7** | Click on a white seat [1] to select it  Click on a selected seat [2] to deselect it  Click on the trip tab [3] to switch trip (for round-trip only) |
| **8** | Select from 1 to 5 seats for each trip and click button “Tiếp tục” |

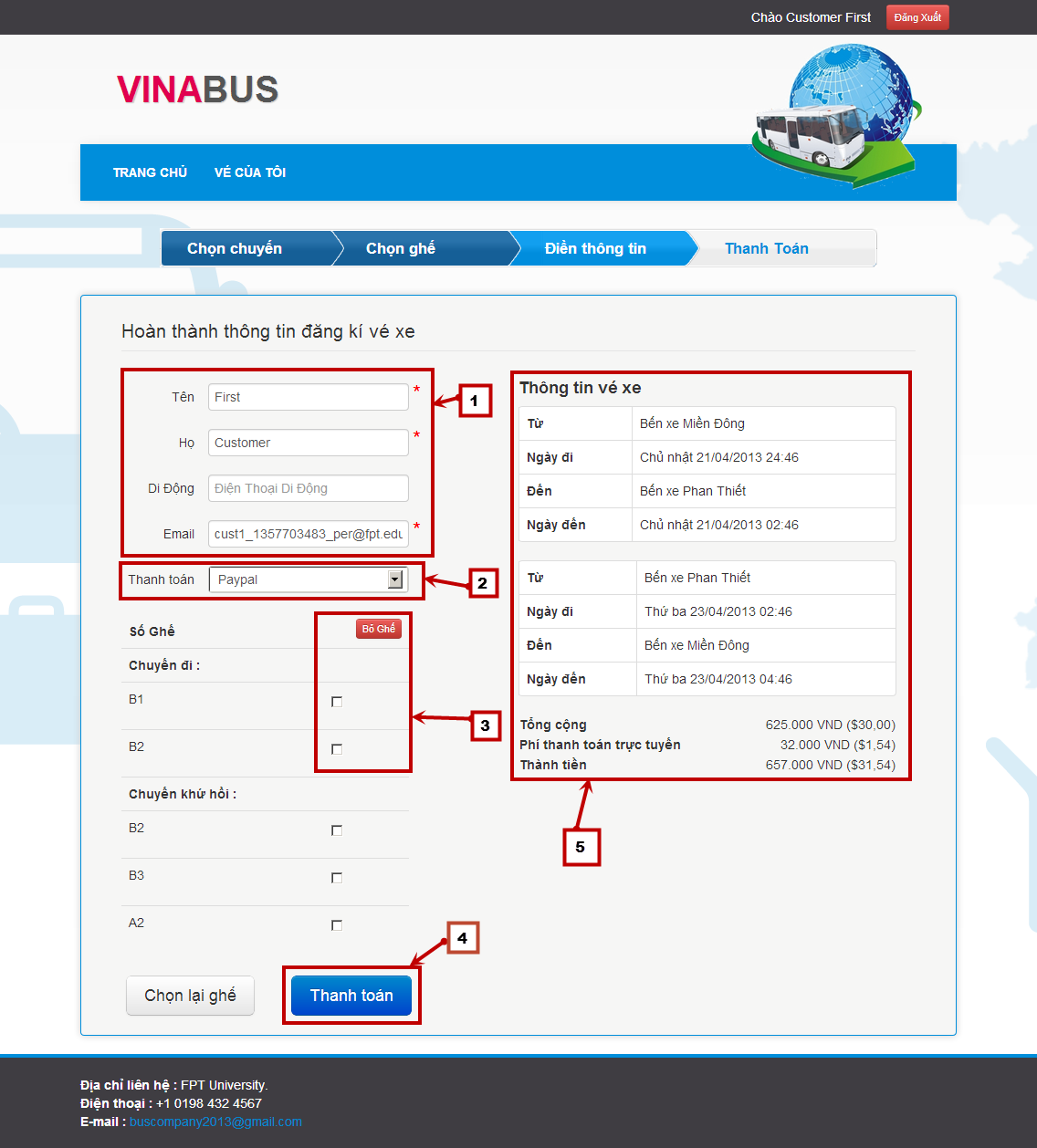
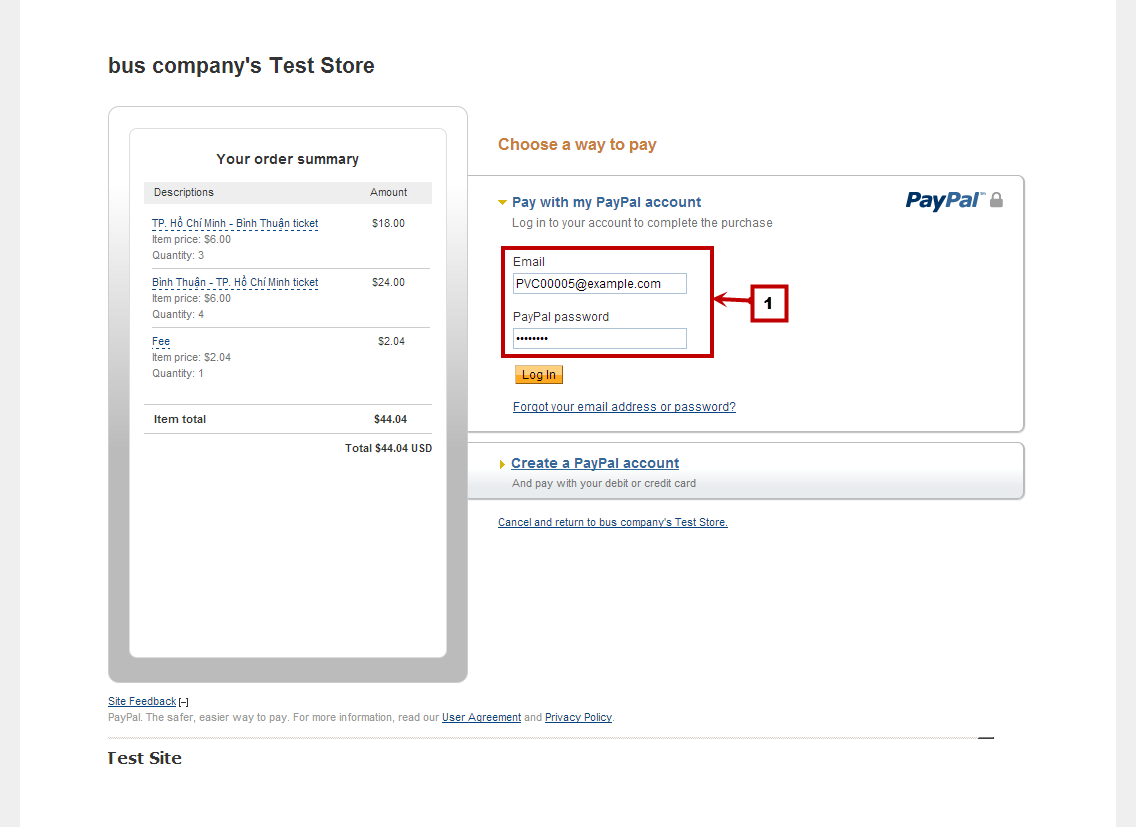


Figure : Fill booker’s information

| **STEP** | **DESCRIPTION** |
| --- | --- |
| **9** | Fill booker’s information [1] |
| **10** | Choose a payment method [2] |
| **11** | Select one or many seat and click button “Bỏ ghế”[3] to remove that seat from the reservation |
| **12** | Confirm the reservation information [5] |
| **13** | Click button “Thanh toán” to pay for the reservation |

 Figure : Pay with paypal

| **STEP** | **DESCRIPTION** |
| --- | --- |
| **11** | Login into paypal account |
| **12** | Authorize the payment to complete booking process |

### View reservation details

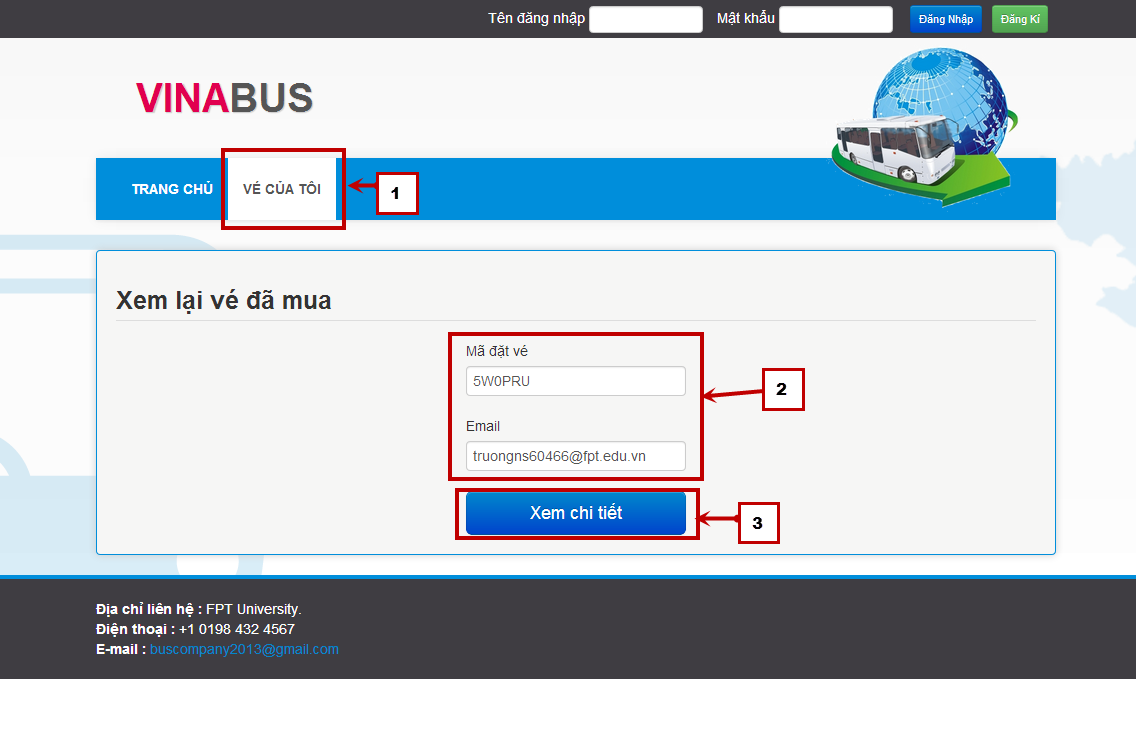


Figure : Search reservation

| **STEP** | **DESCRIPTION** |
| --- | --- |
| **1** | Click tab “Vé của tôi” [1] |
| **2** | Enter reservation code and booker’s email [2] |
| **3** | Click button “Xem chi tiết” |

### Customer Guide

### View reservation history

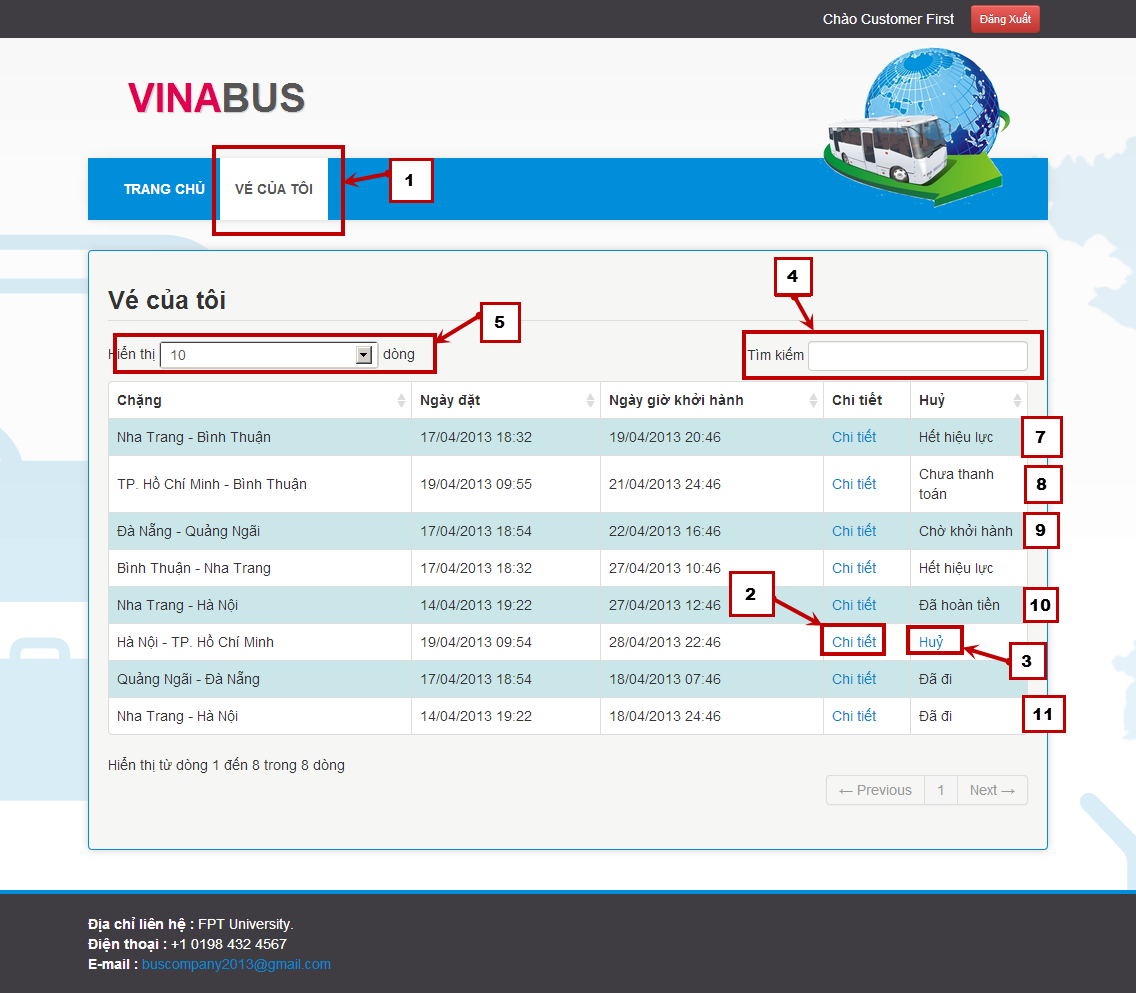


Figure : Reservation list

| **STEP** | **DESCRIPTION** |
| --- | --- |
| **1** | Login into customer’s account |
| **2** | Click tab “Vé của tôi” [1] |
| **3** | Click link “Chi tiết”[2] to view reservation details |
| **4** | Click link “Huỷ”[3] to cancel the journey |