



**Politecnico di Milano**

*M. Sc. Course in IT Engineering*

*Software Engineering 2 – Internal Project*

*Prof. Elisabetta di Nitto – a.y. 2013/2014*

# *User Guide*

VERSION 2

by  
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# Preamble

This is the User Guide for the Software Engineering 2 2013 internal project, named *TravelDream*. It provides an overview of the application that was developed during the Implementation phase – named *TravelDream Agent* – thus acting as a reference manual for all kinds of users.

The remainder of the document is organized as follows:

- ★ **Section 1** illustrates the various functions common to every kind of user, including the registration procedure (targeted towards unregistered users).
- ★ **Section 2** explains the administrator-related functions.
- ★ **Section 3** shows every possible action that can be performed by employees.
- ★ **Section 4** contains directions and how-to's for customers.

# 1 Common areas

## 1.1 Homepage

*TravelDream Agent* can be accessed at `http://localhost:8080/TravelDreamAgentWeb/`. The **Homepage** looks like Picture 1.

Home

## Welcome to TravelDream Agent

### First timer?

Is this your first time on TravelDream Agent? Register now and get access to our vast catalogue!

**Register now**

### I already have an account!

Then reach your personal page as fast as possible! What kind of user are you?

**Customer** **Employee** **Administrator**

TravelDream Agent - Software Engineering 2 Internal Project, a.y. 2013/2014  
Edoardo Mondoni

PICTURE 1: *TRAVELDREAM AGENT* HOMEPAGE

The homepage is common to all kinds of users, even unregistered ones. Starting on this page, a potential customer can access the registration procedure through the **Register now** button. Those who already own credentials for the website can enter their personal area by choosing the appropriate button on the right panel.

## 1.2 Registration

The registration procedure is meant for all unregistered users wishing to have a look at *TravelDream's* catalogue. Because this procedure only creates customers, other kinds of users – i.e. newly-hired

employees and administrators – should have a system administrator register them into *TravelDream Agent*.

The registration page consists of a simple form (Picture 2), whose contents can be submitted through the **Register** button at the bottom of the panel. All fields are required for the process to succeed.

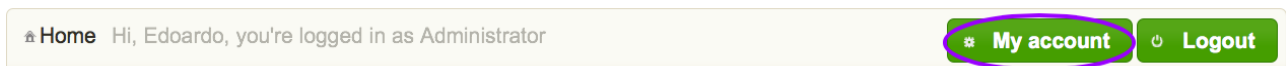
A registration form titled "Registration Form" with a light beige background and a green border. It contains seven input fields with green borders, each preceded by a label: "Name:", "Surname:", "Date of birth:", "Home address:", "E-mail address:", "Choose a username:", and "Choose a password:". Below these fields is a "Repeat password:" label followed by an input field. At the bottom center is a green button with the text "Register!" in white.

PICTURE 2: REGISTRATION FORM

When the unregistered user submits the form, they are redirected to the login page in order to access the catalogue (see Section 4 for further details).

### 1.3 Personal details modification

Any user wishing to change their personal details may do so by accessing the appropriate page through the **My account** button in the menu bar (Picture 3), at the top of the page. Said button is available only after the user has logged in.



PICTURE 3: MY ACCOUNT BUTTON

Clicking on the button results in a page featuring the form in Picture 4. The user is free to modify any of the details they entered at registration (or the ones entered by the administrator on their behalf if they are not customers), except the username. If the **Password** and **Repeat password** fields are left empty, the user's password will not be changed.

**My personal details**

Password:	Repeat password:
<input type="text"/>	<input type="text"/>
Name:	Surname:
<input type="text" value="Edoardo"/>	<input type="text" value="Mondoni"/>
Home address:	
<input type="text" value="Nowhere"/>	
Date of birth:	E-mail address:
<input type="text" value="17/02/91"/>	<input type="text" value="dont@spam.me"/>

**Submit changes**

PICTURE 4: PERSONAL DETAIL MODIFICATION FORM

## 1.4 Logout

The logout procedure, as is always the case, terminates the user's session and redirects to the website's homepage (Picture 1). The **Logout** button is visible to any logged user, independently of their category, in the right part of the menu bar (Picture 5).

[Home](#) Hi, Edoardo, you're logged in as Administrator

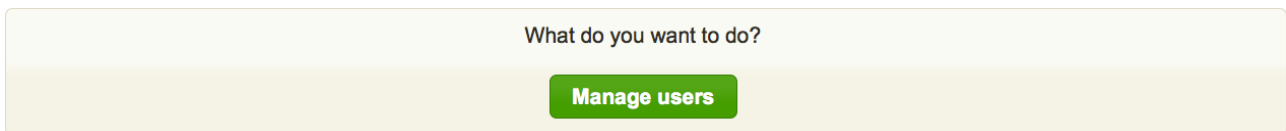
**My account** **Logout**

PICTURE 5: LOGOUT BUTTON

## 2 Administrator area

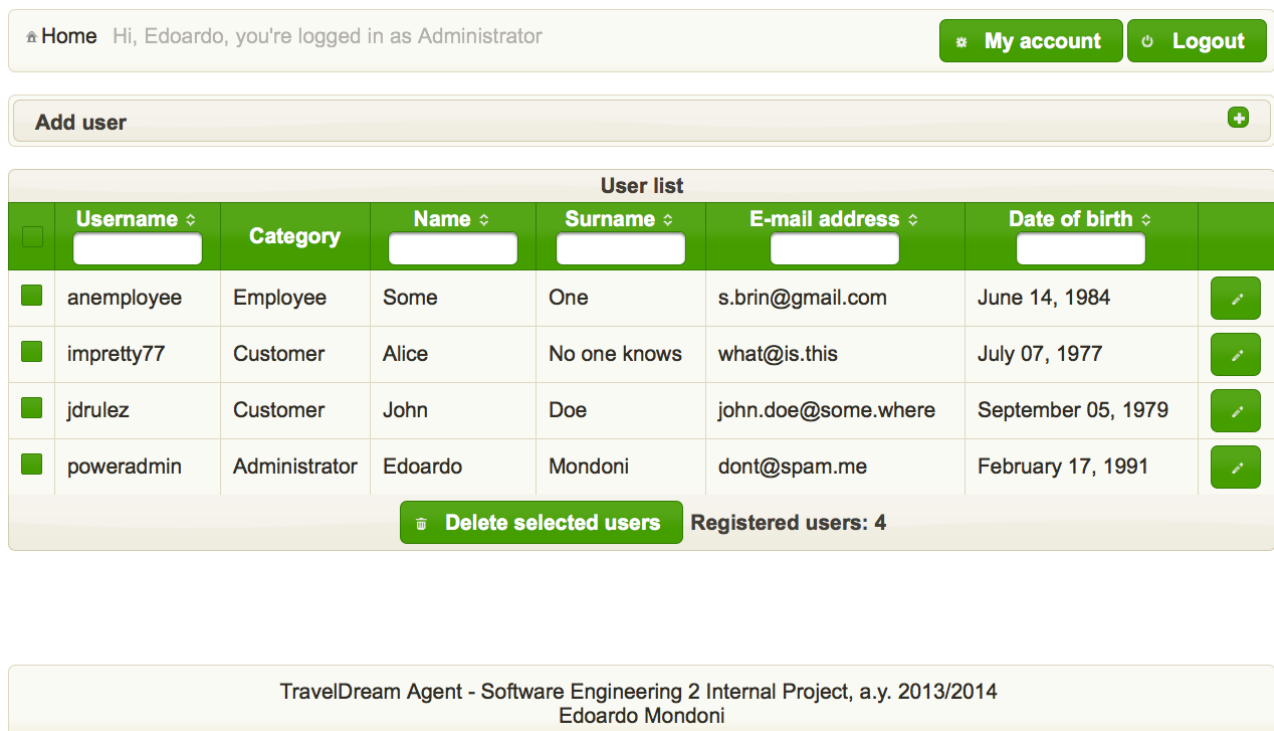
Administrators are users with the ability to add, edit and delete user profiles. They cannot add customer accounts, which can only be generated by unregistered users taking the registration procedure on.

Once an administrator logs into *TravelDream Agent*, they are presented with their main page (Picture 6).



PICTURE 6: ADMINISTRATOR MAIN PAGE

Clicking the **Manage users** button results in the administrator being redirected to their console (Picture 7).



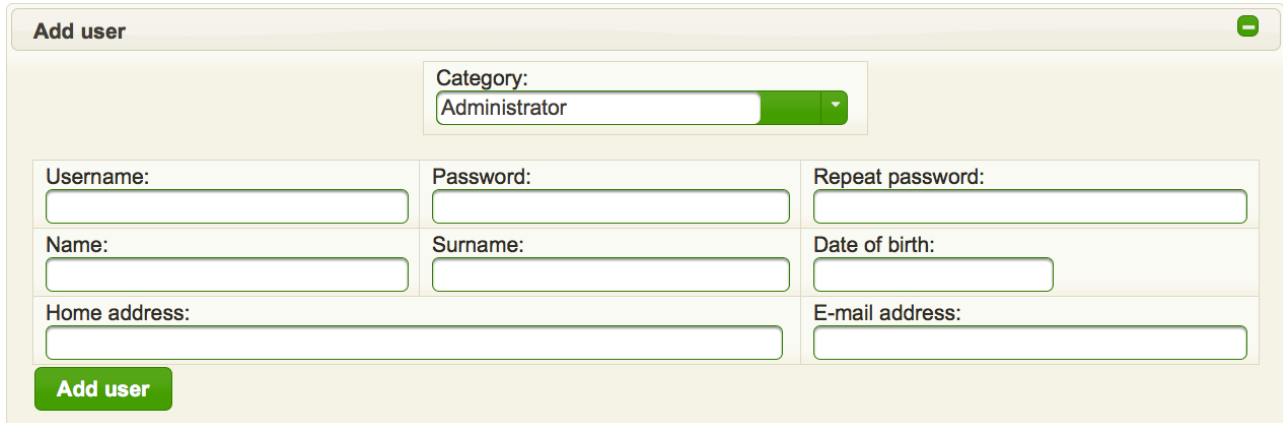
PICTURE 7: ADMINISTRATOR CONSOLE

The console is where the administrator can perform all the tasks they are enabled to do.



## 2.1 Add users

The creation of employee and administrator profiles can be carried out by opening the **Add user** panel in the top part of the Administrator Console (see Picture 7) through the “+” button on the right. This presents the administrator with a form they need to fill in for the creation process to terminate correctly.



The 'Add user' form is a light beige panel with a title bar 'Add user' and a close button. It contains a 'Category' dropdown menu set to 'Administrator'. Below this are six input fields arranged in a 2x3 grid: 'Username:', 'Password:', 'Repeat password:', 'Name:', 'Surname:', and 'Date of birth:'. Below these are two more input fields: 'Home address:' and 'E-mail address:'. At the bottom left is a green 'Add user' button.

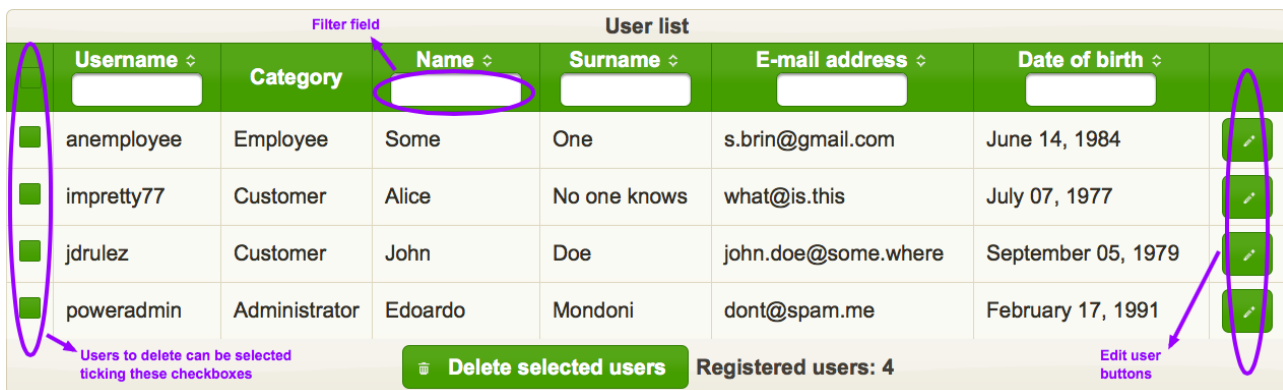
PICTURE 8: ADD USER FORM

Note that, in accordance with the impossibility for administrators to create customer accounts, the **Category** dropdown menu only contains the *Administrator* and *Employee* options. Clicking on the **Add user** button results in the account being created (provided all fields have been duly filled), an overlay message informing the administrator of the success of the operation and the **Users table** (Picture 9) being updated to show the newly-added account.

## 2.2 The Users table

Below the **Add user** panel lies the **Users table** (Picture 9). This is a multifunctional table allowing the administrator to:

- ★ view the data associated to the existing user accounts in the system, eventually making use of the filters located in each column's header and/or sorting the rows by clicking on said headers;
- ★ edit any user account, with the limitations stated in Subsection 2.3;
- ★ delete any user account, with the limitations stated in Subsection 2.4.



The 'Users table' is a table with a title bar 'User list' and a 'Filter field' label. The table has columns: 'Username', 'Category', 'Name', 'Surname', 'E-mail address', and 'Date of birth'. Each column header has a dropdown arrow. The table contains four rows of user data. To the left of each row is a checkbox. To the right of each row is an edit button (pencil icon). Below the table is a green button 'Delete selected users' and a label 'Registered users: 4'. Annotations include a purple oval around the 'Name' column header, a purple oval around the checkboxes, a purple oval around the edit buttons, and a purple arrow pointing to the 'Delete selected users' button.

	Username ▾	Category	Name ▾	Surname ▾	E-mail address ▾	Date of birth ▾	
<input type="checkbox"/>	anemployee	Employee	Some	One	s.brin@gmail.com	June 14, 1984	
<input type="checkbox"/>	impretty77	Customer	Alice	No one knows	what@is.this	July 07, 1977	
<input type="checkbox"/>	jdrulez	Customer	John	Doe	john.doe@some.where	September 05, 1979	
<input type="checkbox"/>	poweradmin	Administrator	Edoardo	Mondoni	dont@spam.me	February 17, 1991	

Users to delete can be selected ticking these checkboxes

Delete selected users Registered users: 4

Edit user buttons

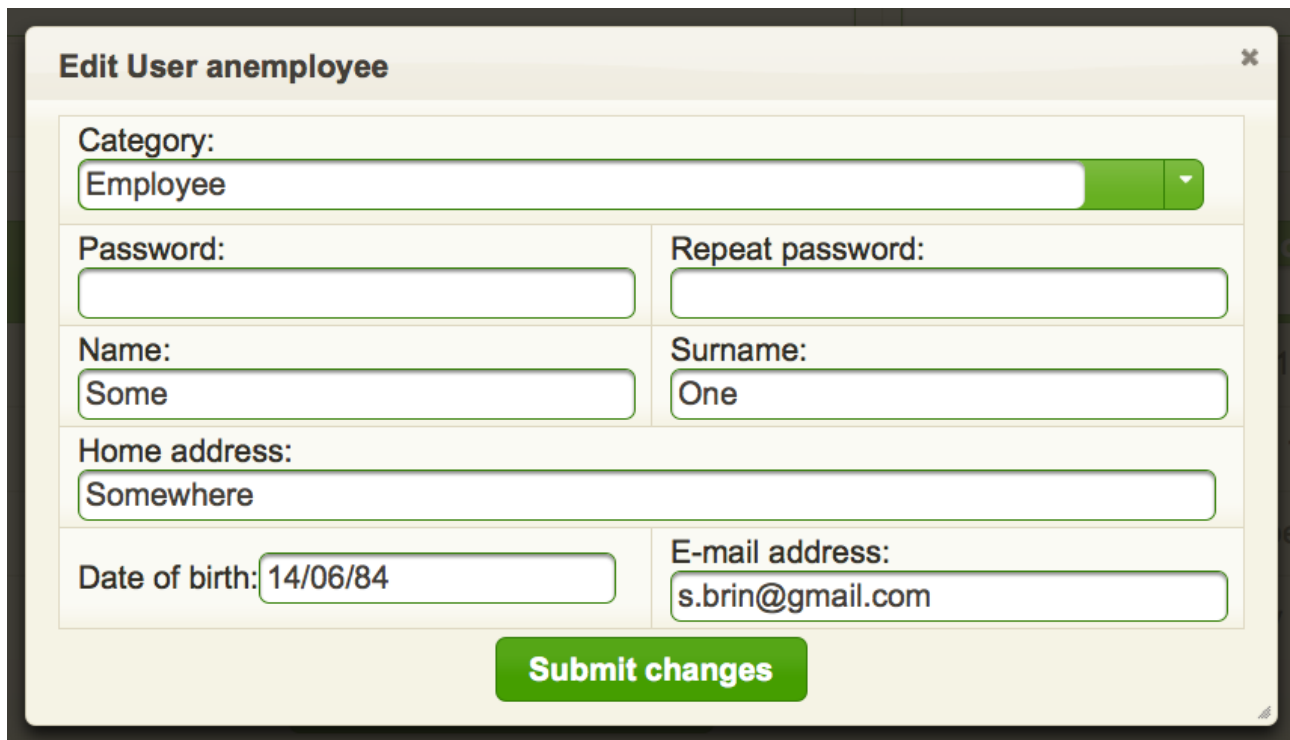
PICTURE 9: USERS TABLE

## 2.3 Edit users

Administrators also have the ability to modify the personal details of any account in the system, as well as their password and their user category. This, however, comes with some limitations:

- ★ A customer profile cannot be elevated to an employee or administrator one;
- ★ Existing employee and administrator accounts cannot be transformed into customer accounts;
- ★ An administrator cannot modify his or her own account's category (but they can have another administrator do so for them).

A user profile can be edited by clicking on the **Edit user** button on the right of the corresponding row in the **Users table** (Picture 9). This results in the **Edit user** dialog being shown (Picture 10). The dialog can be closed without modifying the account with the “X” button in the header. If anything is changed and the **Submit changes** button is clicked, those changes are saved to the database and immediately shown in the **Users table** – provided that they pass the validation.



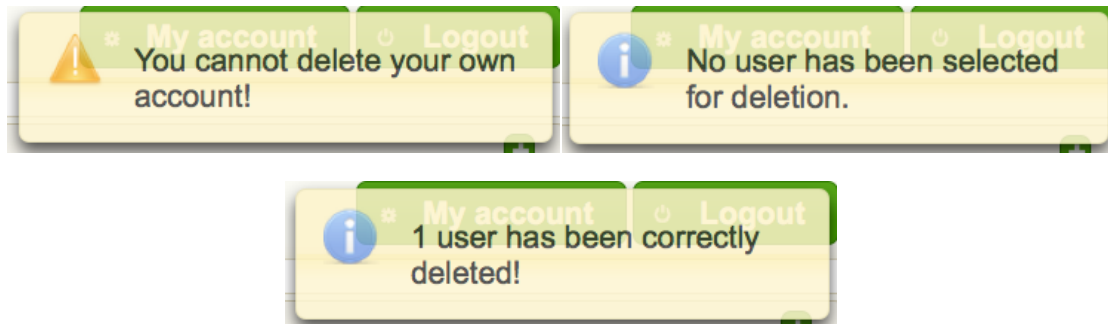
PICTURE 10: EDIT USER DIALOG

## 2.4 Delete users

Finally, administrators are charged with the task of deleting obsolete user accounts. This ability also comes with limitations: an administrator, in fact, cannot delete his or her own profile (but can surely have it deleted by another administrator). This happens by design, in order to guarantee that at least one administrator is always registered to the system.

User deletion consists in the administrator selecting any number of users they wish to remove (either using the checkboxes on the left of the corresponding rows in the **Users table** (Picture 9) or clicking on the rows themselves while holding the Shift (standard keyboards) or Cmd (Mac keyboards) buttons). Once every user has been selected, clicking on the **Delete selected users** button in the table's footer results in a confirmation dialog being shown: if the answer is affirmative, the selected users' accounts

are deleted from the system and the **Users table** is immediately updated to reflect the changes. An overlay message (Picture 11) confirms the success of the operation and summarizes the number of deleted accounts.

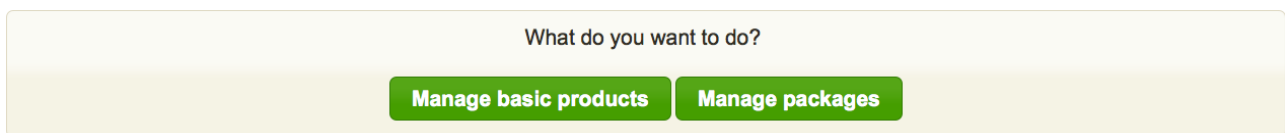


PICTURE 11: OVERLAY MESSAGES IN THE USER DELETION PROCESS

# 3 Employee area

Employees are responsible for the population and the maintenance of *TravelDream*'s catalogue. They create, edit and delete *excursions*, *flights* and *hotels* (briefly called *basic products*) and compose *travel packages* by assembling one or more of said products.

After logging in to *TravelDream Agent*, an employee is presented with the **Employee main page** (Picture 12), offering them the opportunity to operate on basic products (see Subsection 3.1) or on packages (see Subsection 3.2).

The image shows a web interface for an employee. At the top, there is a light yellow box with the text "What do you want to do?". Below this text are two green buttons: "Manage basic products" and "Manage packages".

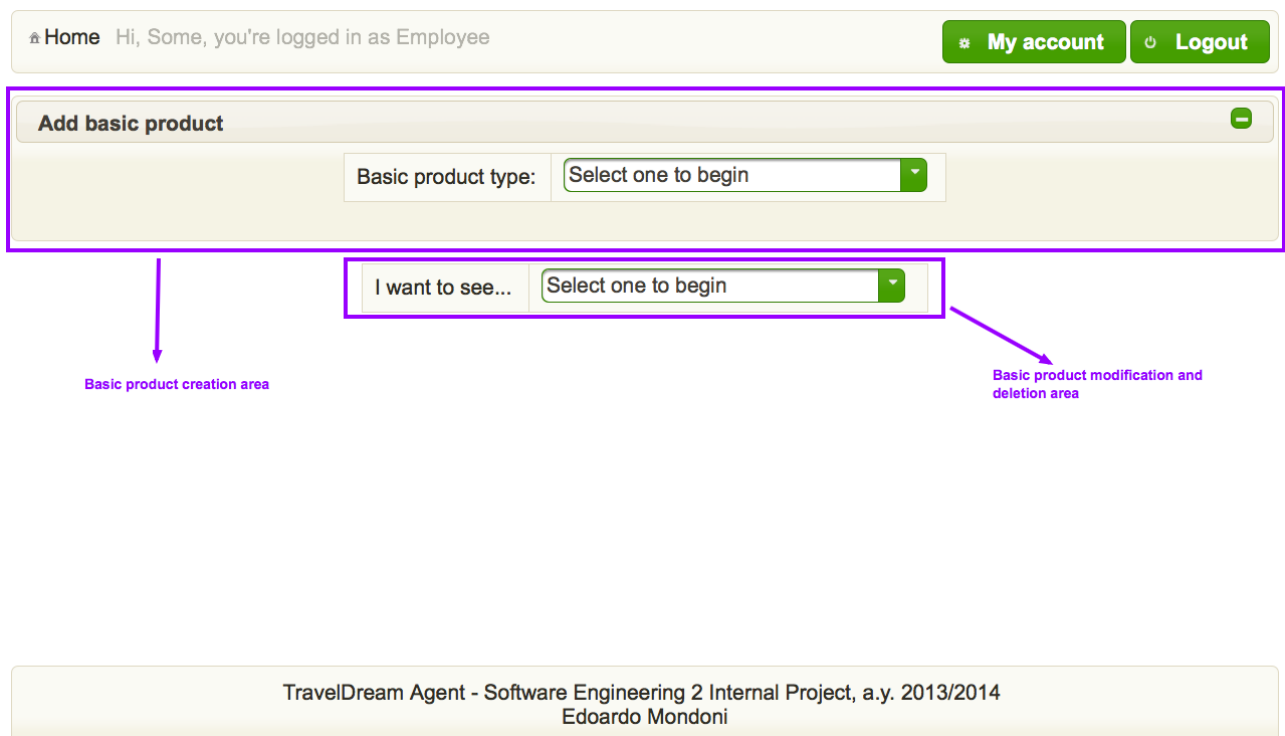
What do you want to do?

Manage basic products Manage packages

PICTURE 12: EMPLOYEE MAIN PAGE

## 3.1 Basic products management

The **Basic products management console** is represented in Picture 13.

The image shows a web interface for managing basic products. At the top, there is a light yellow box with a home icon, the text "Home Hi, Some, you're logged in as Employee", and two green buttons: "My account" and "Logout". Below this is a large light yellow box with a purple border. Inside this box, there is a section titled "Add basic product" with a minus icon. Below the title, there is a label "Basic product type:" followed by a dropdown menu with the text "Select one to begin". Below this section, there is a label "I want to see..." followed by a dropdown menu with the text "Select one to begin". A purple arrow points from the "Add basic product" section to the text "Basic product creation area". Another purple arrow points from the "I want to see..." dropdown to the text "Basic product modification and deletion area". At the bottom of the page, there is a light yellow box with the text "TravelDream Agent - Software Engineering 2 Internal Project, a.y. 2013/2014" and "Edoardo Mondoni".

Home Hi, Some, you're logged in as Employee My account Logout

Add basic product

Basic product type: Select one to begin

I want to see... Select one to begin

Basic product creation area

Basic product modification and deletion area

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Edoardo Mondoni

PICTURE 13: BASIC PRODUCTS MANAGEMENT CONSOLE

The employee can both add basic products by operating on the basic product creation area, and view the already existing ones and editing/deleting them in the basic product modification and deletion area.

**Add basic product**

Basic product type: Excursion

Excursion name:

Price of the excursion:

Description:

Departure place:

Departure time:

Arrival place:

Arrival time:

Featured visits:

Frequency:  

Monday  
Tuesday  
Wednesday  
Thursday  
Friday  
Saturday  
Sunday

Add excursion

**Add basic product**

Basic product type: Flight

Call sign:

Price of the flight:

Frequency: Mon Tue Wed Thu Fri Sat Sun

Description:

Departure place:

Departure time:

Arrival place:

Arrival time:

Add flight

**Add basic product**

Basic product type: Hotel

Name of the hotel:

Price per night:

Address of the hotel:

Description:

Check-in days: Monday Tuesday Wednesday Thursday Friday Saturday Sunday

Check-in time:

Check-out days: Monday Tuesday Wednesday Thursday Friday Saturday Sunday

Check-out time:

Add hotel

PICTURE 14: EXCURSION, FLIGHT, AND HOTEL CREATION PANELS

### 3.1.1 Basic product creation




The first step to create basic products consists in choosing the type of product you want to add to the database. This can be done thanks to the **Basic product type** dropdown menu in the console. Selecting one of the types results in the panel expanding and showing the appropriate form (Picture 14).




All fields are optional, besides the *Description* field. Leaving the *Frequency* field empty in the **Add excursion** and **Add flight** panels is interpreted as a one-shot excursion or flight (meaning it doesn't take place on a regular basis), while leaving one or both the *Check-in days* and *Check-out days* fields in the **Add hotel** is equal to selecting all seven days of the week (= the hotel accepts check-ins and/or check-outs every day).




Clicking on the **Add excursion/flight/hotel** buttons results in the basic product being saved in the database and the corresponding table being immediately updated to reflect the change. An overlay message informs the employee that the operation terminated successfully.

### 3.1.2 Basic product tables

Modifying and deleting basic products can be accomplished using the **Basic product tables** (Picture 15). Which table is shown depends on the **I want to see...** dropdown menu.

Excursion list								
<input type="checkbox"/>	Name ↕	Price ↕	Departure place ↕	Departure time ↕	Arrival place ↕	Arrival time ↕	Frequency	
<input checked="" type="checkbox"/>	An excursion	238.00	A departure place	10:00	An arrival place	20:00	Mon, Thu, Sat	
<input checked="" type="checkbox"/>	Another excursion	23.99	Another departure place	11:45	Another arrival place	23:20	One-shot.	
 Delete selected excursions				Total excursions: 2				

Flight list								
<input type="checkbox"/>	Call sign ↕	Price ↕	Departure place ↕	Departure time ↕	Arrival place ↕	Arrival time ↕	Frequency	
<input checked="" type="checkbox"/>	ZA0000	39.00	A departure airport	23:00	An arrival airport	6:00	Thu, Sun, Sat	
<input checked="" type="checkbox"/>	YY3389	109.99	Another departure airport	9:00	Another arrival airport	10:30	One-shot.	
 Delete selected flights				Total flights: 2				

Hotel list								
<input type="checkbox"/>	Name ↕	Address	Price ↕	Check-in days	Check-in time ↕	Check-out days	Check-out time ↕	
<input checked="" type="checkbox"/>	The first hotel	A street, in a city, in a country	60.00	Sat, Sun	14:00	Sat, Sun	12:00	
<input checked="" type="checkbox"/>	Another hotel	This is an address for another hotel	12.90	Thu	15:00	Sat, Sun	13:00	
 Delete selected hotels				Total hotels: 2				

PICTURE 15: EXCURSION, FLIGHT, AND HOTEL TABLES

### 3.1.3 Basic product modification

In particular, editing a basic product is as simple as clicking on the **Edit button** on the right of its corresponding row. A dialog will open that contains the same fields of the **Add basic product** panel (we're omitting the pictures for the sake of conciseness). Changing any of the fields and clicking the

**Submit changes** button results in the basic product being saved to the database (if it passes the validation test), while closing the dialog with the “X” button in its header returns to the basic products management console.

### 3.1.4 Basic product deletion

In order to delete one or more basic products, the employee needs to select them using the checkboxes on the left of their corresponding rows in the appropriate table and subsequently click on the **Delete selected excursions/flights/hotels** button in the table’s footer. Accidental clicks on this button can be remedied with no damage thanks to the confirmation dialog. Deleting products of more than one type requires repeating the procedure for each one of these types (since the products to select are located in different tables).

Please note that deleting a basic product triggers the deletion of every travel package containing it as well.

## 3.2 Travel packages management

The **Travel packages management console** is shown in Picture 16.

The screenshot shows the 'Travel packages management console' interface. At the top, there is a navigation bar with a 'Home' link, a user greeting 'Hi, Some, you're logged in as Employee', and two buttons: 'My account' and 'Logout'. Below this is a panel labeled 'Add travel package' with a plus icon. The main section is titled 'Package list' and contains a table with the following data:

<input type="checkbox"/>	Name	Price	Excursions included	Flights included	Hotels included	
<input type="checkbox"/>	One for each	69.99	1	1	1	
<input type="checkbox"/>	Two flights and nothing else	0.00	0	2	0	
<input type="checkbox"/>	All-in	999.99	2	2	2	
<input type="checkbox"/>	Two hotels and a little excursion	45.00	1	0	2	

Below the table, there is a green button labeled 'Delete selected packages' and a status indicator 'Total packages: 4'. At the bottom of the console, there is a footer with the text 'TravelDream Agent - Software Engineering 2 Internal Project, a.y. 2013/2014' and 'Edoardo Mondoni'.

PICTURE 16: TRAVEL PACKAGES MANAGEMENT CONSOLE

The employee can both add new pre-defined travel packages utilizing the **Add travel package** panel, and view the existing ones in the **Package table** (which also allows them to edit/delete existing packages).

### 3.2.1 Add pre-defined packages

A travel package can be added by simply opening the **Add travel package** panel (Picture 17) in the upper part of the console. This provides the employee with a mask where the package’s name, price and description can be input. Furthermore, three picklists enable the composition of the package; the search fields at the top of each one of them facilitates the research of the desired components.

**Add travel package**

Package name:

Price of the package:

Description:

**Available excursions**

An excursion

Another excursion

→

→|

←

←|

**Excursions in package**

**Available flights**

ZA0000 (A departure airport - An arrival airport)

YY3389 (Another departure airport - Another arrival airport)

→

→|

←

←|

**Flights in package**

**Available hotels**

The first hotel - A street, in a city, in a country

Another hotel - This is an address for another hotel

→

→|

←

←|

**Included hotels**

**Create package**

PICTURE 17: ADD PRE-DEFINED PACKAGE PANEL

Please note that the **Create package** button is disabled by default. It becomes clickable upon adding the first component to the package (since no package can exist without at least one component); needless to say that the removal of all elected components from the mask disables the button again.

If every field has been duly filled (except for the *Description* textbox which is not mandatory), clicking on said button will cause the package to be stored in the application's database, thus being immediately available to the company's customers for purchase and/or customization; the **Packages table** is immediately updated upon creation of a package.

### 3.2.2 Packages table

The packages table is meant, just like in the case of basic products (Paragraph 3.1.2), to offer the employees the chance to maintain the package catalogue of the company. It is shown in Picture 18.



Package list						
<input type="checkbox"/>	Name	Price	Excursions included	Flights included	Hotels included	
<input type="checkbox"/>	One for each	69.99	1	1	1	
<input type="checkbox"/>	Two flights and nothing else	0.00	0	2	0	
<input type="checkbox"/>	All-in	999.99	2	2	2	
<input type="checkbox"/>	Two hotels and a little excursion	45.00	1	0	2	
Delete selected packages			Total packages: 4			

PICTURE 18: PACKAGES TABLE

### 3.2.3 Travel package modification

As it happens with basic products, the modification of a travel package happens by clicking the **Edit package** button on the right of the corresponding row in the packages table. This action triggers a dialog (which we're not reporting for the sake of conciseness) containing the same mask that was presented in Paragraph 3.2.1.

Bear in mind that the same constraint on the non-emptiness of the components list applies to the modification form, too: the **Submit changes** button will therefore be disabled as long as the employee removes all components from the package.

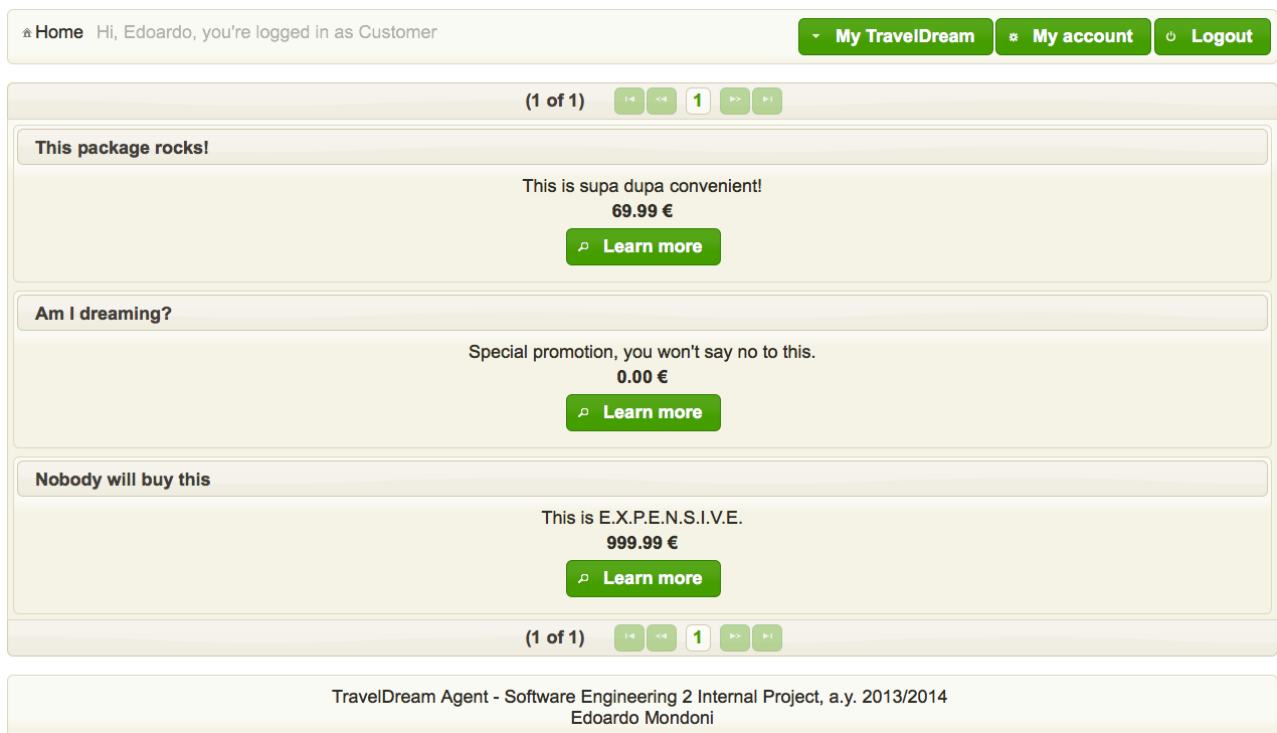
### 3.2.4 Travel package deletion

Finally, deleting one or more packages can be achieved by selecting the “candidates” – either using the checkboxes on the left of the corresponding rows in the **Packages table**, or clicking on the rows themselves while holding the Shift (standard keyboards) or Cmd (Mac keyboards) buttons – and starting the operation with the **Delete selected packages** button. As usual, this will trigger a confirmation dialog. In case of an affirmative answer, the packages are removed from the system and an overlay message summarizes the number of deleted bundles.

# 4 Customer area

Customers are users who registered in order to get access to *TravelDream*'s package catalogue. They can view every detail of a travel package, customize any one of the available bundles (eventually editing and deleting them later) and buy any package – either pre-defined or custom – they like. Secondly, they have access to a list of the packages they customized, as well as to a list of their past purchases.

Upon login, the customer is redirected to their main page, consisting of the company's **Bundle Catalogue** (Picture 19).



PICTURE 19: CUSTOMER MAIN PAGE, I.E. THE PACKAGE CATALOGUE

The catalogue presents a list of all packages available for purchase and customization, with their name, a trimmed description, and price. Every page contains a maximum of 5 packages, any exceeding ones are placed in the following pages (which you can navigate through using the paginator at the top or at the bottom of the list).

## 4.1 View package details

Clicking on one of the **Learn more** buttons redirects the customer to the **Pre-defined package details** page (Picture 20). Here, you can read the full description of the package and view the details (Picture 21) of each basic product composing the bundle itself clicking on the button next to every one of them.

**Nobody will buy this** **€ 999.99**

This is E.X.P.E.N.S.I.V.E.

Excursions	Flights	Hotels
<div>&lt;&lt; (1 of 1) &gt;&gt;</div> <div><div>⌵</div>An excursion</div> <div><div>⌵</div>Another excursion</div>	<div>&lt;&lt; (1 of 1) &gt;&gt;</div> <div><div>⌵</div>ZA0000 (A departure airport - An arrival airport)</div> <div><div>⌵</div>YY3389 (Another departure airport - Another arrival airport)</div>	<div>&lt;&lt; (1 of 1) &gt;&gt;</div> <div><div>⌵</div>The first hotel</div> <div><div>⌵</div>Another hotel</div>

Buy this package

 or... 

Customize it!

PICTURE 20: PRE-DEFINED PACKAGE DETAILS PAGE

**Excursion** ✕

**Another excursion** **€ 23.99\***

The description of another excursion; this one's cheaper, though.

From **Another departure place** at **11:45**  
To **Another arrival place** at **23:20**

Visits

Another list of visits, possibly different from the previous one.

The excursion is a one-time offer.

\* Nominal price: the price of the package might be lower than the sum of its components' prices.

**Hotel** ✕

**The first hotel** **€ 60.00\***

**A street, in a city, in a country**  
A description for this hotel

Check-in on **Sat, Sun** at **14:00**  
Check-out on **Sat, Sun** at **12:00**

\* Nominal price: the price of the package might be lower than the sum of its components' prices.

**Flight** ✕

**ZA0000** **€ 39.00\***

Special promotion!

From **A departure airport** at **23:00**  
To **An arrival airport** at **6:00**

The flight takes place every week on: Thursdays, Sundays, Saturdays.

\* Nominal price: the price of the package might be lower than the sum of its components' prices.

PICTURE 21: EXCURSION, HOTEL, AND FLIGHT DETAIL DIALOGS

## 4.2 Customize package

Package customization is initiated by clicking the **Customize it!** button in the **Pre-defined package details** page (Picture 20). The customer is presented with a dialog (Picture 22) where they can edit the name of the package, its description and the list of basic products composing it. Please note that:

- ★ a customer cannot specify a price for their custom packages, which is automatically calculated by the system as the sum of the prices of its components;
- ★ custom packages do not escape the non-emptiness rule, so the **Save customized package** button in the dialog will be disabled as long as no product has been selected as component.

PICTURE 22: CUSTOMIZE PACKAGE DIALOG

Confirming the operation brings the user to a new **Custom package details** page (Picture 23) showing the details of the new custom package, which is different from the **Pre-defined package details** page in that the **Customize it!** button has become an **Edit it!** button.

PICTURE 23: CUSTOM PACKAGE DETAILS PAGE

### 4.3 Buy package

The purchase process starts in the **Pre-defined/Custom package details** page corresponding to the package you wish to buy. Click on the **Buy it!** button and take a look at the **Date assignment** page.

**You're buying**

**Nobody used to buy this, but I am customizing it**

Before you can proceed to checkout, we need you to assign the dates for your package's components.  
Please note that you must stick to the constraints on frequency (with respect to excursions and flights) and check-in and check-out dates (for what concerns hotels). Disrespect of those constraints bars the possibility to buy this package.

Excursion dates			
Name	Frequency	Date	
An excursion	Mon, Thu, Sat	<input type="text"/>	

**Flight dates**

Call sign	From	To	Frequency	Date
ZA0000	A departure airport	An arrival airport	Thu, Sun, Sat	<input type="text"/>

**Hotel dates**

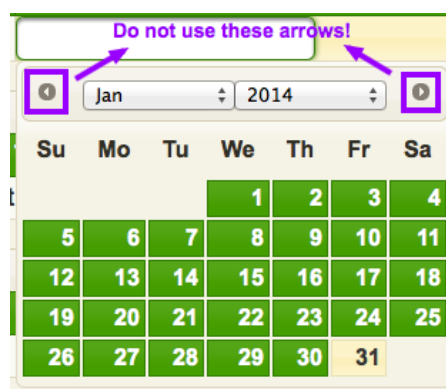
Name	Address	Check-in	Check-in date	Check-out	Check-out date
Another hotel	This is an address for another hotel	Thu	<input type="text"/>	Sat, Sun	<input type="text"/>

**Proceed to checkout!**

PICTURE 24: DATE ASSIGNMENT PAGE

Before you can proceed to checkout, you need to assign every one of your components a date (two in case of hotels). To do this, click on the empty cells and choose the date using the calendar, or simply type it in the textbox that appears and press Enter on your keyboard. Please note that all dates must conform to the *Frequency* or *Check-in/out* constraints of every component, besides of course being future dates; failure to do so will result in the impossibility to proceed.

**Warning:** do not use the next/previous month arrows in the calendar that appears (clearly pointed out in ), or your choice will not be saved and you'll get an error!



PICTURE 25: BUGGY ARROWS IN THE DATE ASSIGNMENT CALENDARS

When everything is set, click on the **Proceed to checkout!** button: you'll be presented with the **Billing** page (Picture 26). Here you have the opportunity to review the dates you entered (and to go back and change them if you made a mistake): if everything is right, just fill in the fields with your billing data and finalize the procedure with the **Buy!** button.

**You're buying**

**Nobody used to buy this, but I am customizing it**

Below is a summary of your package. Should you spot any errors, now is the time to [go back](#) and correct them!

Excursion dates		Flight dates				Hotel dates		
Name	Date	Call sign	From	To	Date	Name	Check-in date	Check-out date
An excursion	Mon, February 03, 2014	ZA0000	A departure airport	An arrival airport	Thu, February 06, 2014	Another hotel	Thu, February 06, 2014	Sat, February 08, 2014

Your credit card will be charged a total **€ 289.90**. Enter your billing data.

Card circuit: American Express	Expiry date: January 2014	CVV2 code:
Cardholder name:	Card number:	

**Buy!**

PICTURE 26: BILLING PAGE

After we've verified your billing information, you'll be transported to the **Success** page, which you can find in Picture 27. The "Review your purchase" link brings you back to the **Package details** page of the bundle you just bought, while "Go back to the catalogue"... well, it's self-explanatory.

**YAY!**

You just bought "Nobody used to buy this, but I am customizing it": [review your purchase](#) or [go back to the catalogue](#).

PICTURE 27: SUCCESS PAGE

## 4.4 The *My TravelDream* menu

Customers have access to an additional menu (Picture 28) in the right part of the header bar (see Subsection 1.3 for more details): it's called **My TravelDream**, and it allows the customer to access the **My Purchases** (Paragraph 4.4.2) and the **My custom packages** (Paragraph 4.4.1) pages.

Home Hi, Edoardo, you're logged in as Customer

My TravelDream My account Logout

PICTURE 28: LOCATION OF THE MY TRAVELDREAM MENU

My TravelDream



My custom packages

My purchases

PICTURE 29: MY TRAVELDREAM MENU

#### 4.4.1 Manage custom packages

Customers have the ability to modify their custom packages and to delete them if they're not satisfied with them anymore. Accessing the **My custom packages** link from the **My TravelDream** menu brings them to the **Custom package management** page, where they can find the table in Picture 30.

Your custom packages							
<input type="checkbox"/>	Name	Price	Excursions included	Flights included	Hotels included	Based on	
<input checked="" type="checkbox"/>	Nobody used to buy this, but I am customizing it	289.90	1	1	1	Nobody will buy this	
 Delete selected packages				Total packages: 1			


PICTURE 30: CUSTOM PACKAGES TABLE

Custom package modification is possible by navigating to the package's **Custom package details** page: the button on the right of the corresponding package in the table performs this task. On said page, then, the customer clicks the **Edit it!** button to show a dialog in no way different from the one in Picture 22. Given that the modifications respect the usual constraints on the packages, the **Submit changes** button saves them and loads the updated details page.

Deletion is instead enabled by the checkboxes on the left of the table. Selecting any number of packages and subsequently clicking on the **Delete selected packages** button triggers a confirmation dialog: an affirmative answer removes the bundles from the system, and reloads the table to reflect this change.

#### 4.4.2 View purchases

A list of all past purchases is available through the **My purchases** link in the **My TravelDream** menu. This opens the **Purchases** page where the customer finds the table in Picture 31.

Your purchases			
Purchase ID	Package	Paid	
3	Nobody used to buy this, but I am customizing it	399.89	
Total purchases: 1			

PICTURE 31: PURCHASES TABLE

Clicking on the package's name lets the customer review the package's contents *even if the package has been deleted in the meantime*. The button on the right of the row opens a dialog containing the date assignments made during the purchase process.