

MBio-LIMS™

Laboratory Information Management System



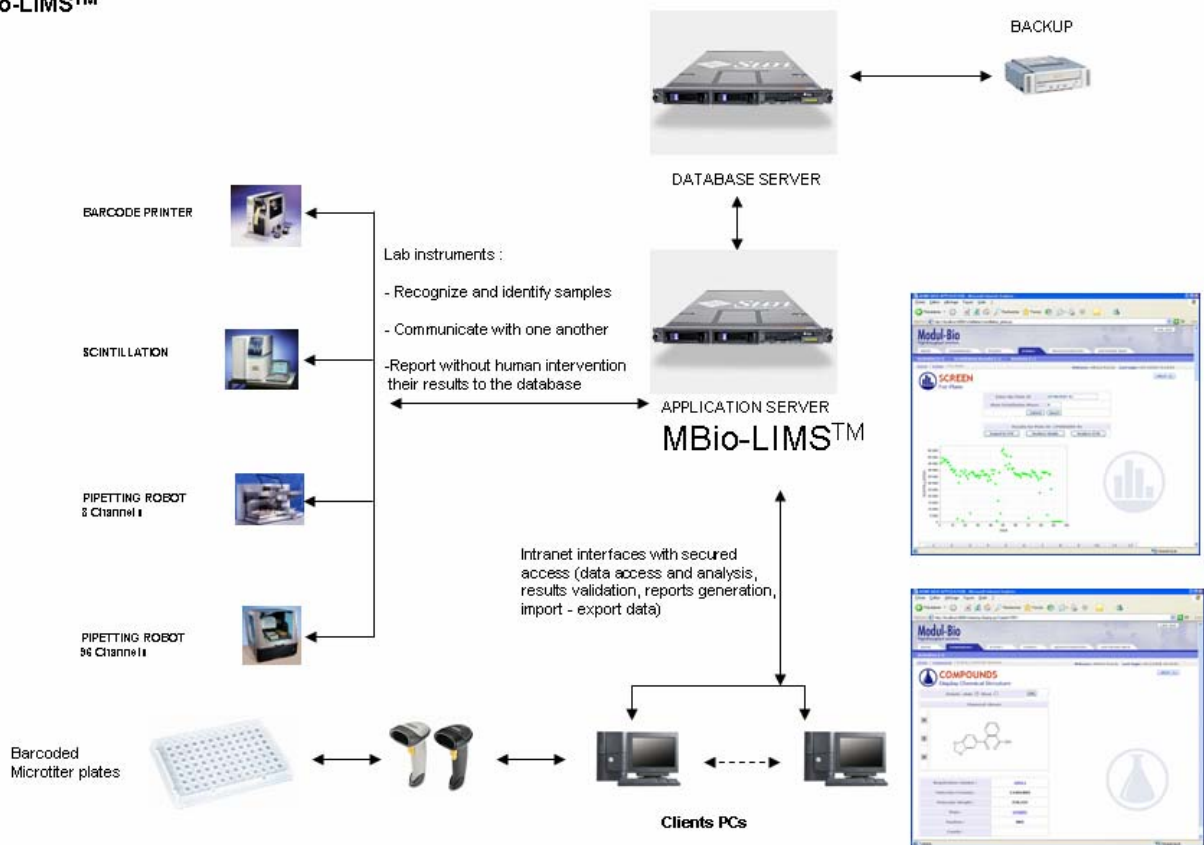
STORAGE

BioBanking

MBio-LIMS HTS architecture

Modul-Bio LIMS Architecture

MBio-LIMS™

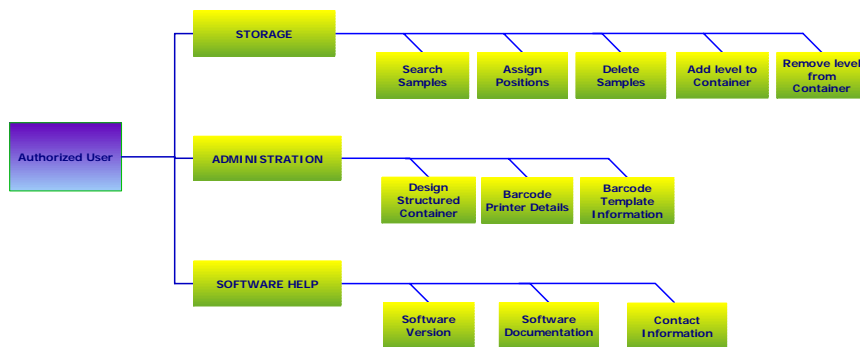


MBio-LIMS™

Storage

STORAGE MANAGEMENT SYSTEM

MBio-LIMS



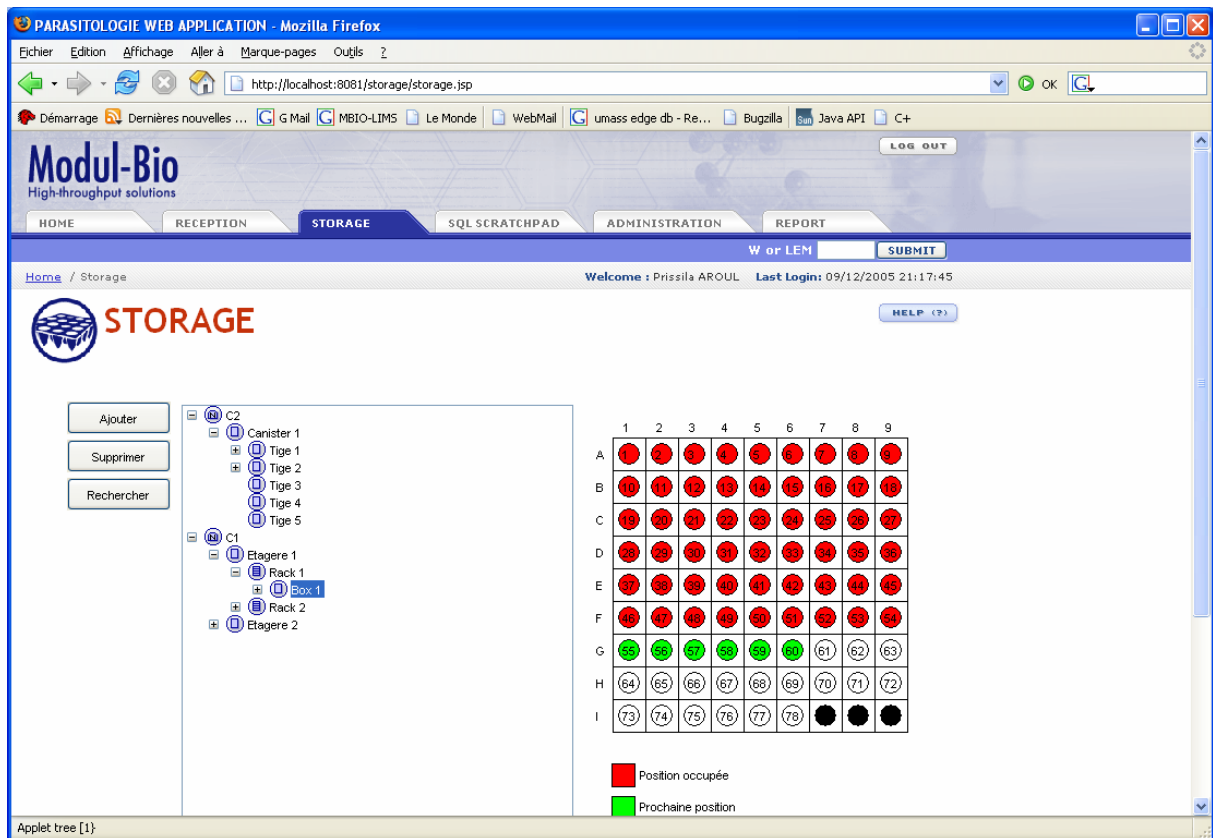
Storage

Show location, path and quantity for a sample

The screenshot shows the 'STORAGE' interface in a Mozilla Firefox browser. The interface includes a navigation menu with 'Ajouter', 'Supprimer', and 'Rechercher' buttons. A tree view on the left shows a hierarchy of storage locations: C2 (Canister 1, Tige 1-5), C1 (Etagere 1, Rack 1, Box 1, 1-S1 to 9-A2, Rack 2, Etagere 2). A grid on the right shows storage positions A-I by 1-9, with a legend for 'Position occupée' (occupied position) shown as a red circle. Below the grid, a path is displayed: 'Path: C1 / Etagere 1 / Rack 1 / Box 1 / 8 - A2'. A form at the bottom has 'LEM:' with 'A2' in the input field, 'Quantité:' with '5' in the input field, and a 'Valider' button. Three arrows point from labels 'SampleID', 'Quantity', and 'Path' to the respective form fields and the path text.

Storage

Show next available position for inserting sample



PARASITOLOGIE WEB APPLICATION - Mozilla Firefox

http://localhost:8081/storage/storage.jsp

Modu-Bio High-throughput solutions

HOME RECEPTION **STORAGE** SQL SCRATCHPAD ADMINISTRATION REPORT

W or LEM SUBMIT

Home / Storage Welcome : Prissila AROUL Last Login: 09/12/2005 21:17:45

STORAGE HELP (?)

Ajouter Supprimer Rechercher

- C2
 - Canister 1
 - Tige 1
 - Tige 2
 - Tige 3
 - Tige 4
 - Tige 5
 - C1
 - Etagere 1
 - Rack 1
 - Box 1
 - Rack 2
 - Etagere 2

Storage – Search samples

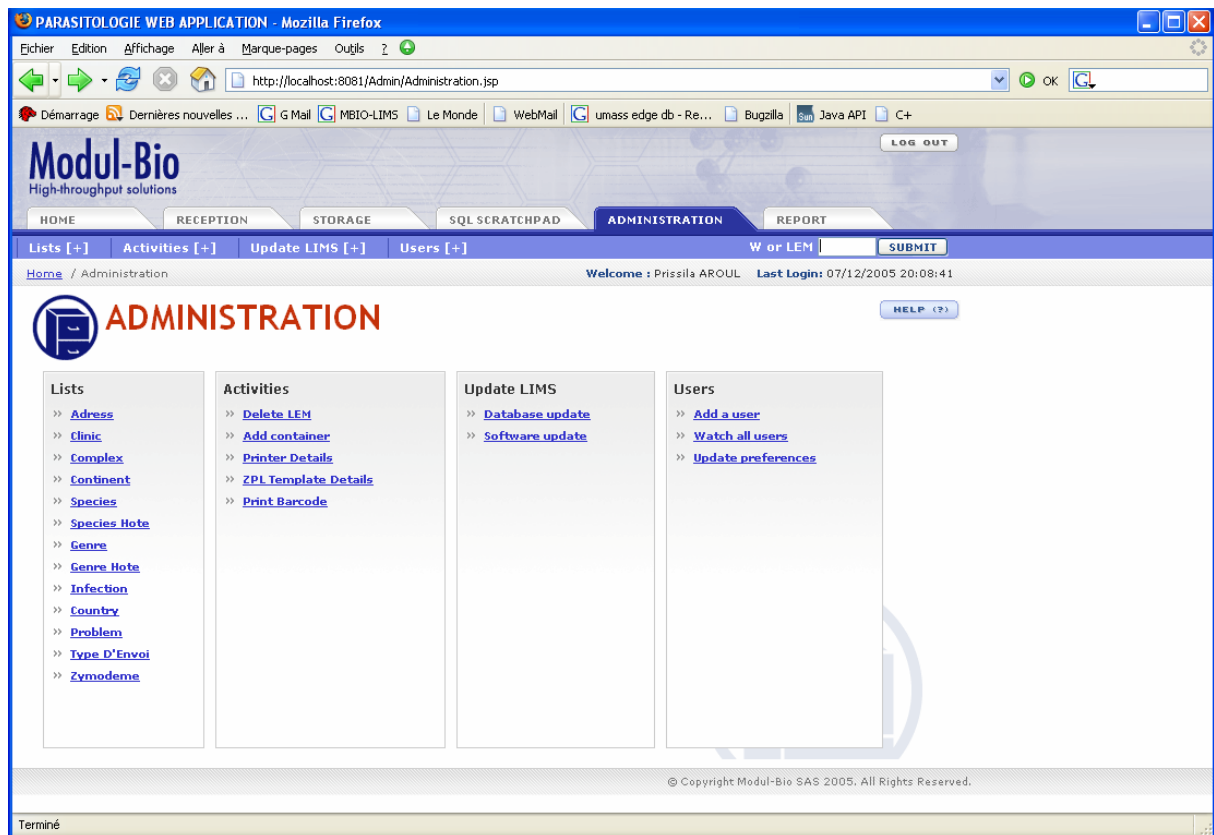
List path, positions, quantity for all different types of a particular sample (DNA, pearl, strain)

The screenshot shows a web application window titled 'PARASITOLOGIE WEB APPLICATION - Mozilla Firefox'. The browser address bar shows 'http://localhost:8081/Envoi/EnvoiListPosition.jsp'. The application header includes a logo, the title 'RECEPTION LIST POSITIONS', and a 'HELP (?)' button. The main content area displays three sections of search results:

- Positions of Type: DNA**
 - Row 1: A2 | Selection | C1 | Etagere 1 | Rack 1 | Box 1 | | Quantity : 5
 - Row 2: A2 | Selection | C2 | Canister 1 | Tige 2 | | Quantity : 5
- Positions of Type: Perle**
 - Row 1: P2 | Selection | C1 | Etagere 1 | Rack 1 | Box 1 | | Quantity : 5
- Positions of Type: Souche**
 - Row 1: S2 | Selection | C1 | Etagere 1 | Rack 2 | Box 1 | | Quantity : 3
 - Row 2: S2 | Selection | C1 | Etagere 1 | Rack 2 | Box 1 | | Quantity : 5

At the bottom of the application, there are buttons for 'Imprimer' and 'Retour'. The footer contains the text '© Copyright Modul-Bio SAS 2005. All Rights Reserved.' and 'Terminé'.

Administration main screen



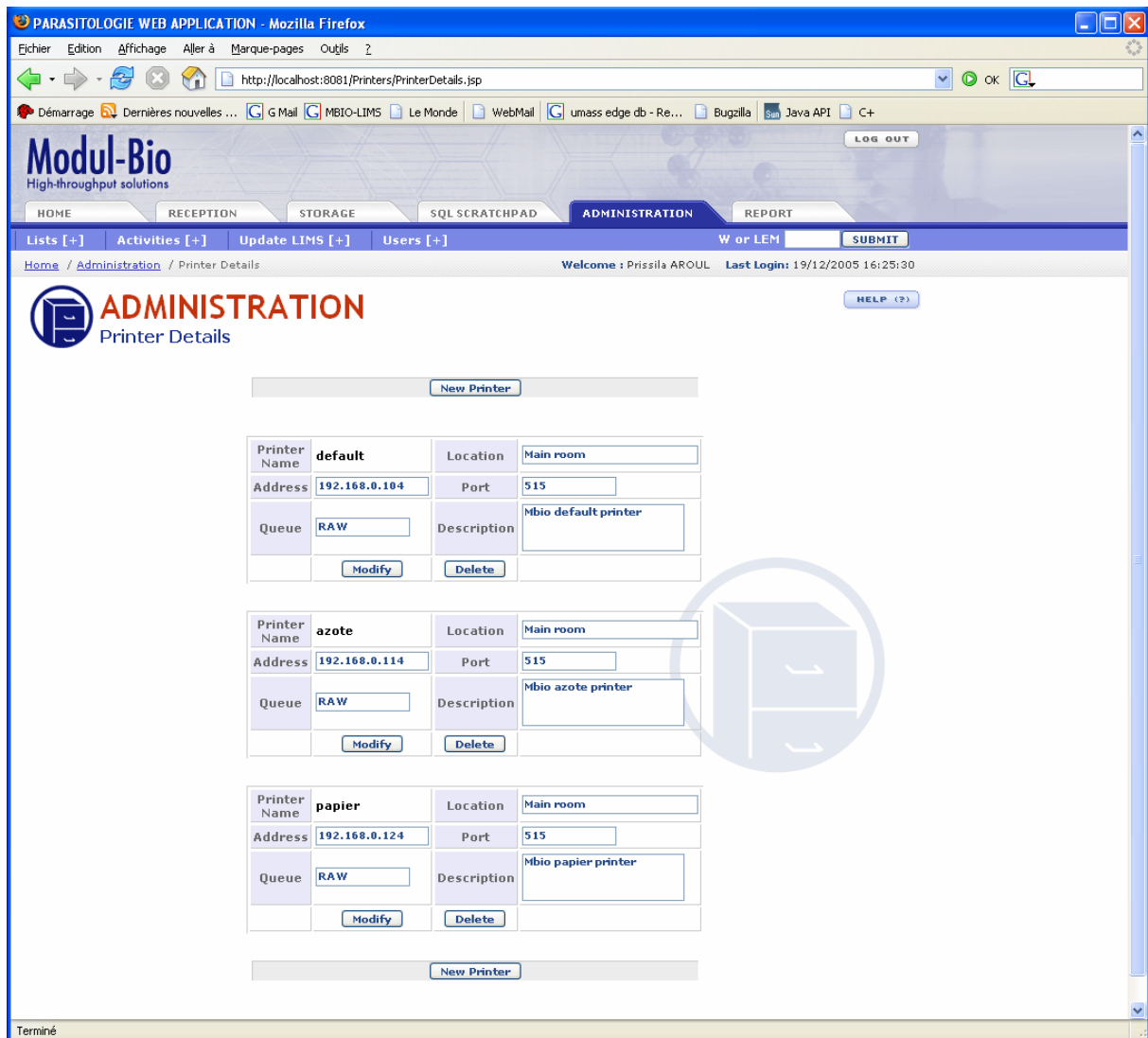
The screenshot shows the 'ADMINISTRATION' main screen of the Modul-Bio web application. The browser window title is 'PARASITOLOGIE WEB APPLICATION - Mozilla Firefox'. The address bar shows 'http://localhost:8081/Admin/Administration.jsp'. The page features a navigation menu with tabs for HOME, RECEPTION, STORAGE, SQL SCRATCHPAD, ADMINISTRATION (selected), and REPORT. Below the navigation, there are links for Lists [+], Activities [+], Update LIMS [+], and Users [+]. A 'LOG OUT' button is visible in the top right. The main content area is titled 'ADMINISTRATION' and contains four columns of links:

- Lists:**
 - >> [Adress](#)
 - >> [Clinic](#)
 - >> [Complex](#)
 - >> [Continent](#)
 - >> [Species](#)
 - >> [Species Note](#)
 - >> [Genre](#)
 - >> [Genre Note](#)
 - >> [Infection](#)
 - >> [Country](#)
 - >> [Problem](#)
 - >> [Type D'Envoi](#)
 - >> [Zymodeme](#)
- Activities:**
 - >> [Delete LEM](#)
 - >> [Add container](#)
 - >> [Printer Details](#)
 - >> [ZPL Template Details](#)
 - >> [Print Barcode](#)
- Update LIMS:**
 - >> [Database update](#)
 - >> [Software update](#)
- Users:**
 - >> [Add a user](#)
 - >> [Watch all users](#)
 - >> [Update preferences](#)

The footer of the page includes the text '© Copyright Modul-Bio SAS 2005. All Rights Reserved.' and a 'Terminé' status indicator in the bottom left corner.

Barcode Printer Information

MBioLIMS manages multiple printers allowing different barcode labels types (liquid nitrogen, -80°C, +4°C, etc...)

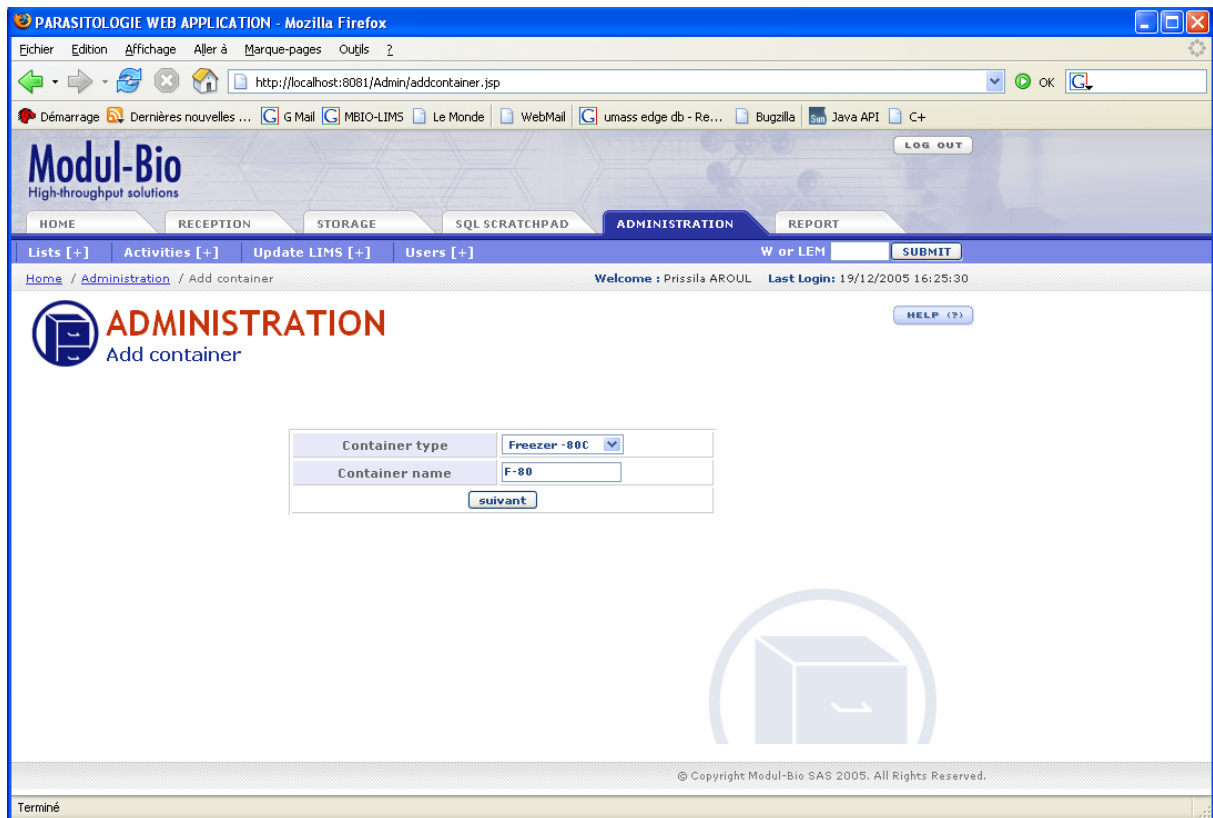


The screenshot shows the 'ADMINISTRATION Printer Details' page in a Mozilla Firefox browser. The page displays a list of three printers, each with a form for configuration. A 'New Printer' button is located at the top and bottom of the list. A large, semi-transparent printer icon is overlaid on the right side of the page.

Printer Name	Address	Queue	Location	Port	Description
default	192.168.0.104	RAW	Main room	515	Mbio default printer
azote	192.168.0.114	RAW	Main room	515	Mbio azote printer
papier	192.168.0.124	RAW	Main room	515	Mbio papier printer

Container Type Design

Create a structured container for a freezer -80°C (i.e.)



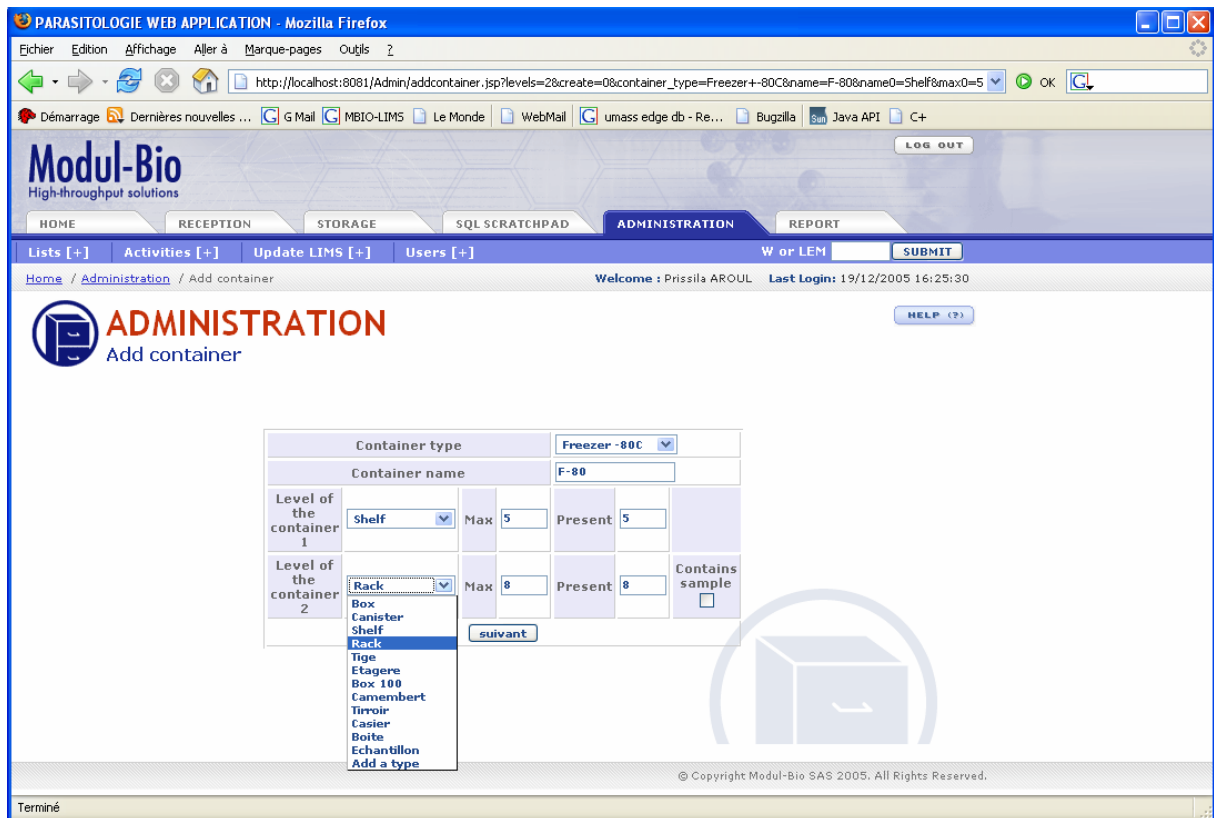
The screenshot shows a web browser window displaying the 'PARASITOLOGIE WEB APPLICATION' in Mozilla Firefox. The address bar shows 'http://localhost:8081/Admin/addcontainer.jsp'. The application header includes the Modul-Bio logo and navigation tabs for HOME, RECEPTION, STORAGE, SQL SCRATCHPAD, ADMINISTRATION (selected), and REPORT. A 'LOG OUT' button is visible in the top right. Below the navigation, there are links for Lists, Activities, Update LIMS, and Users, along with a 'SUBMIT' button. The main content area is titled 'ADMINISTRATION Add container' and features a form with the following fields:

Container type	Freezer -80C
Container name	F-80

A 'suivant' button is located below the form fields. A large, faint watermark of a container is visible in the background of the main content area. At the bottom of the page, there is a copyright notice: '© Copyright Modul-Bio SAS 2005. All Rights Reserved.' and a status bar indicating 'Terminé'.

Container Type Design

Add shelves, racks for the freezer -80°C



PARASITOLOGIE WEB APPLICATION - Mozilla Firefox

http://localhost:8081/Admin/addcontainer.jsp?levels=2&create=0&container_type=Freezer+-80C&name=F-80&name0=Shelf&max:0=5

Modul-Bio
High-throughput solutions

HOME RECEPTION STORAGE SQL SCRATCHPAD **ADMINISTRATION** REPORT

Lists [+] Activities [+] Update LIMS [+] Users [+] W or LEM SUBMIT

Home / Administration / Add container Welcome : Prissila AROUL Last Login: 19/12/2005 16:25:30

ADMINISTRATION
Add container

Container type		Freezer -80C	
Container name		F-80	
Level of the container 1	Shelf	Max 5	Present 5
Level of the container 2	Rack	Max 8	Present 8
			Contains sample <input type="checkbox"/>

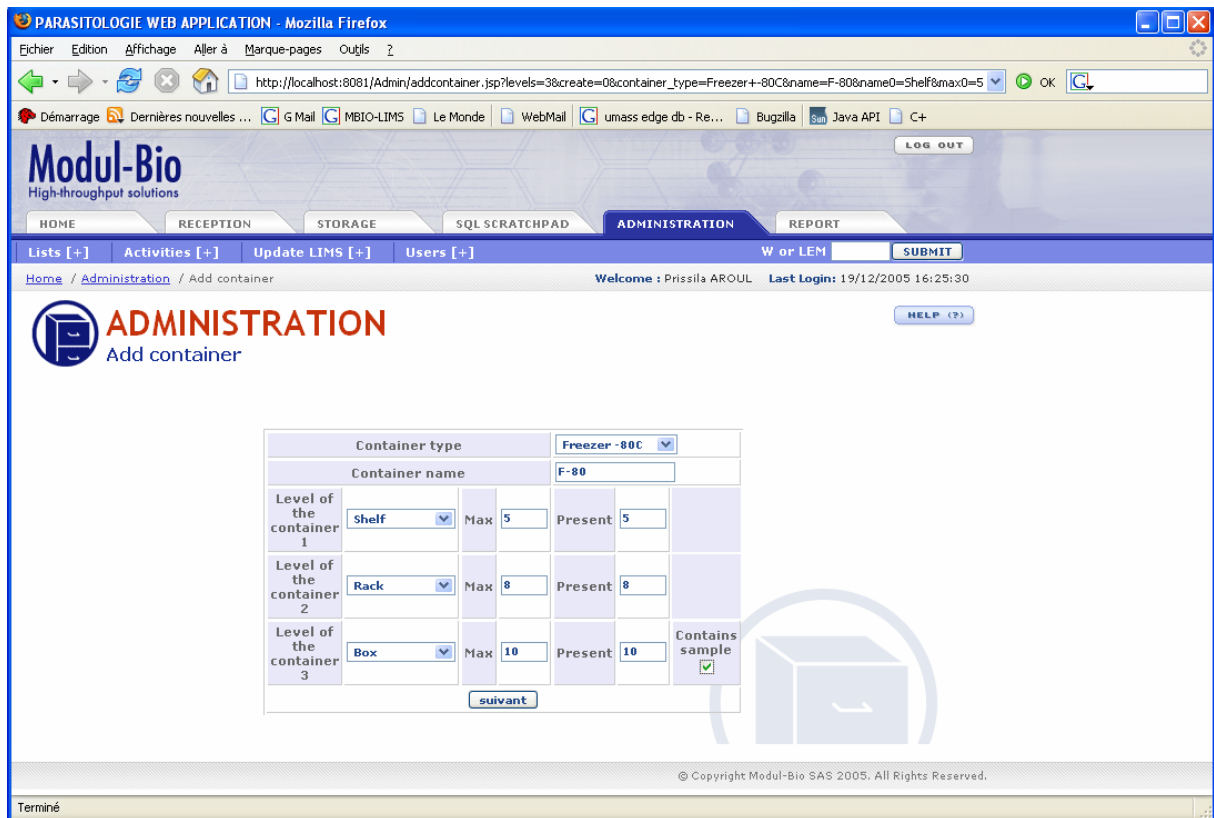
suivant

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Terminé

Container Type Design

Add a third level of container: box that contains samples



PARASITOLOGIE WEB APPLICATION - Mozilla Firefox

http://localhost:8081/Admin/addcontainer.jsp?levels=3&create=0&container_type=Freezer+80C&name=F-80&name0=Shelf&max0=5

Modul-Bio High-throughput solutions

HOME RECEPTION STORAGE SQL SCRATCHPAD **ADMINISTRATION** REPORT

Lists [+] Activities [+] Update LIMS [+] Users [+] W or LEM SUBMIT

Home / Administration / Add container Welcome : Prissila AROUL Last Login: 19/12/2005 16:25:30

ADMINISTRATION Add container

Container type		Freezer-80C	
Container name		F-80	
Level of the container 1	Shelf	Max 5	Present 5
Level of the container 2	Rack	Max 8	Present 8
Level of the container 3	Box	Max 10	Present 10
			Contains sample <input checked="" type="checkbox"/>

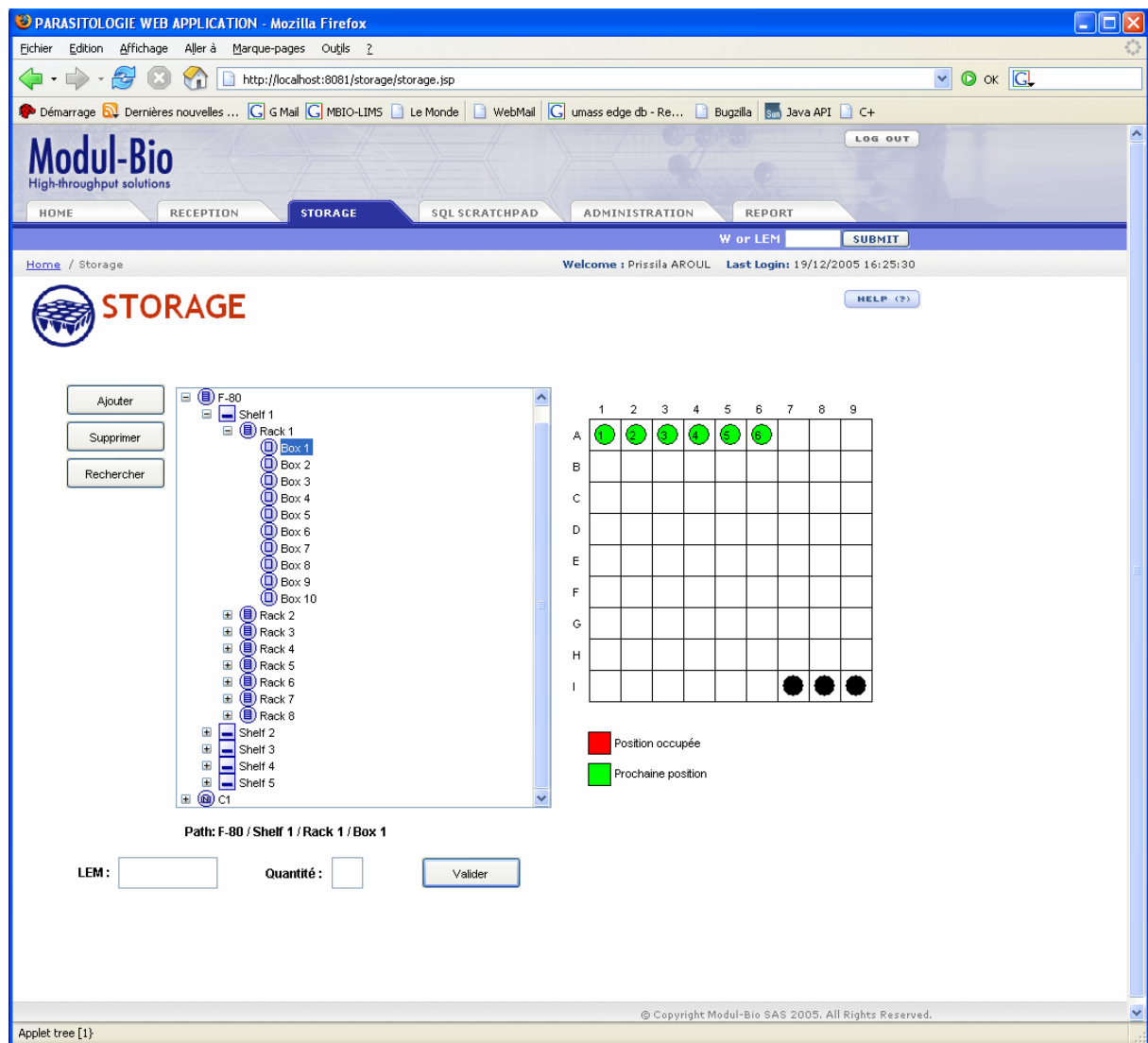
suivant

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Terminé

Display of the container

Graphical User Interface displays all levels of containers (freezer, shelf, rack, box, and sample)



PARASITOLOGIE WEB APPLICATION - Mozilla Firefox

http://localhost:8081/storage/storage.jsp

Modul-Bio High-throughput solutions

HOME RECEPTION **STORAGE** SQL SCRATCHPAD ADMINISTRATION REPORT

Welcome : Prissila AROUL Last Login: 19/12/2005 16:25:30

STORAGE

Ajouter
Supprimer
Rechercher

F-80
Shelf 1
Rack 1
Box 1
Box 2
Box 3
Box 4
Box 5
Box 6
Box 7
Box 8
Box 9
Box 10
Rack 2
Rack 3
Rack 4
Rack 5
Rack 6
Rack 7
Rack 8
Shelf 2
Shelf 3
Shelf 4
Shelf 5
C1

Path: F-80 / Shelf 1 / Rack 1 / Box 1

LEM: Quantité: Valider

	1	2	3	4	5	6	7	8	9
A	●	●	●	●	●	●			
B									
C									
D									
E									
F									
G									
H									
I							●	●	●

■ Position occupée
● Prochaine position

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