

SAMPDORIA ACCESS CONTROL
Version 1

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DATABASE TABLES

[accesses]

This table tracks the users who access the Private area.

id	integer [PRIMARY KEY AUTOINCREMENT]	ID of the access
matches_id	integer	Relation to matches table
user_id	Integer	Relation to users table
access_area	Varchar [255]	Restricted areas description
deleted	Smallint [1]	0 not deleted, 1 deleted

[matches]

This table contains information about matches.

id	integer [PRIMARY KEY AUTOINCREMENT]	ID of the user
matchname	Varchar [50]	Nome del match
season	Varchar [50]	Name of the season
deleted	Smallint [1]	0 not deleted, 1 deleted

[seasons]

This table contains information about seasons.

id	integer [PRIMARY KEY AUTOINCREMENT]	ID of the user
seasonname	Varchar [50]	Firstname of the user
deleted	Smallint [1]	0 not deleted, 1 deleted

[users]

This table contains information about users.

id	integer [PRIMARY KEY AUTOINCREMENT]	ID of the user
name	Varchar [50]	Firstname of the user
lastname	Varchar [50]	Lastname of the user
borndate	date	Born date of the user
Image	Blob	Image of the user
company_id	Integer	ID of the company
deleted	Smallint [1]	0 not deleted, 1 deleted

[companies]

This table contains information about companies.

id	integer [PRIMARY KEY AUTOINCREMENT]	ID of the user
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[companies]

This table contains information about companies.

company_name	Varchar [50]	Company Name
deleted	smallint [1]	0 not deleted, 1 deleted

APPLICATION DESCRIPTION

The application allows you to manage accesses to the stadium for employees of different companies who offer services inside the stadium.

There are 3 tabs that let you manage:

1. user account with name, lastname, etc. (Utenti)
2. pass issued for each match and user (Pass)
3. season's matches (Incontri)

1. USER ACCOUNTS MANAGEMENT

Users accounts use information in 2 tables:

- users
- companies

[users]	
This table contains information about users.	
id	integer [PRIMARY KEY AUTOINCREMENT]
name	Varchar [50]
lastname	Varchar [50]
borndate	date
Image	Blob
company_id	Integer
deleted	smallint [1]

[companies]	
This table contains information about companies.	
id	integer [PRIMARY KEY AUTOINCREMENT]
company_name	Varchar [50]
deleted	smallint [1]

When you click on Users tab you see a list of users (Illustration 1).

You can filter results on the following fields:

- first name and last name
- company

The list display:

- lastname and firstname
- company name
- borndate (format dd/mm/yyyy)
- edit and delete (soft delete managed by deleted field in users table)
- link to all passes created for the selected user

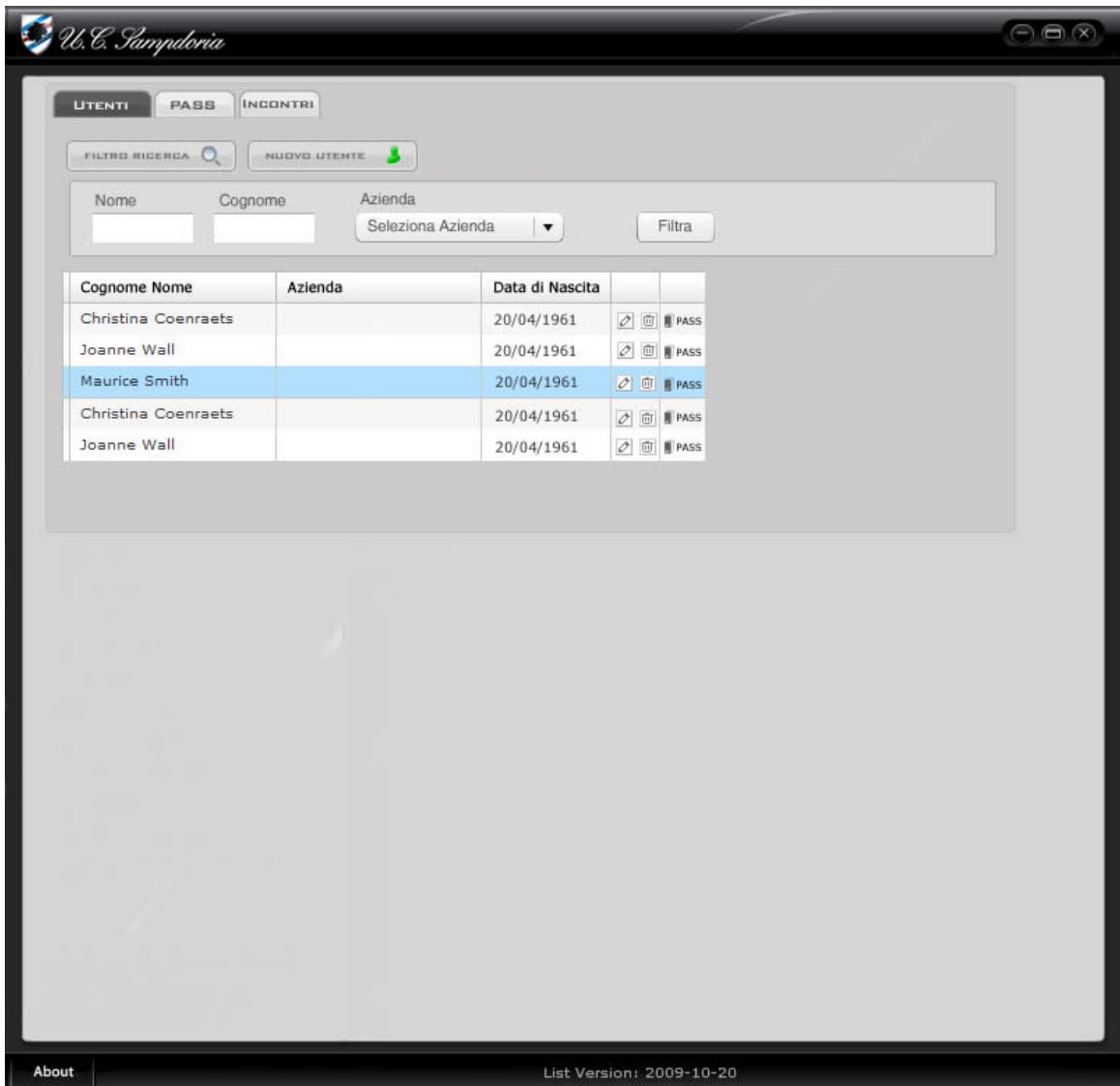


Illustration 1: Users list

USER FORM

Click on Nuovo Utente (new user) and edit icon open a layer with user form.

The form contain the following fields:

- FirstName (Nome) → simple text field
- Lastname (Cognome) → simple text field
- Borndate (Data di Nascita) → date selection field
- Company (Azienda) → combo from companies table. If a company is not in the select a click will open a text field to add company name to table and combo
- Foto tool

Foto Tool let you select photo using 2 alternatives:

- 1) SELECT FROM WEBCAM (Illustration 2) – “Seleziona da Webcam”

A webcam is displayed in the form and when the user is correctly positioned the operator by clicking on “Scatta” will take a picture.

By clicking on Elimina (Reset the picture will be deleted and the webcam video is displayed again to select a new foto).

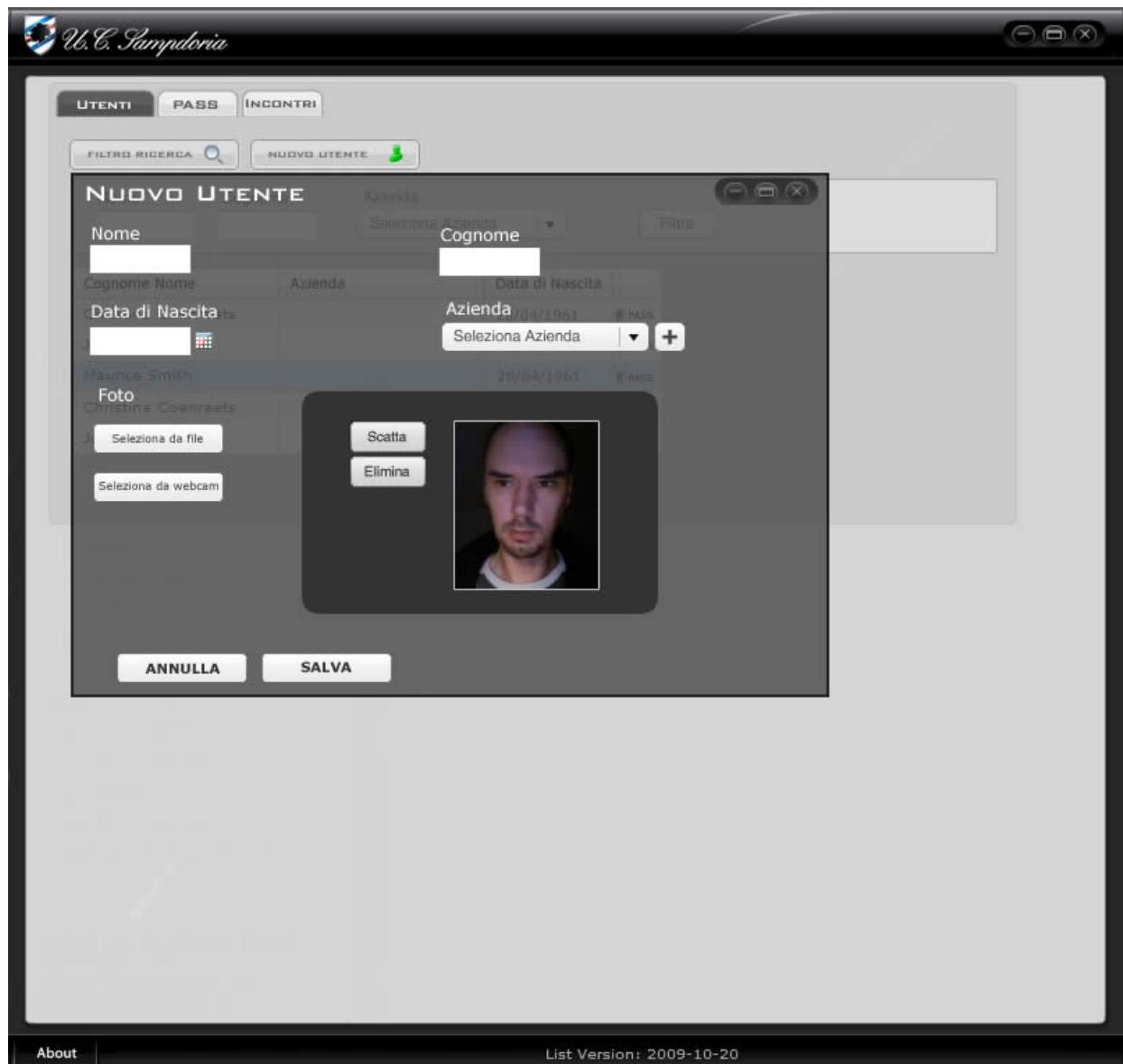


Illustration 2: User Form with Webcam Selection

2) SELECT FROM FILE (Illustration 3) - "Selezione da File"

By clicking on "Selezione da File" the user can select an image and crop it using Image Cropper Component (<http://blog.mediablur.com/2008/02/20/flex-image-cropping-component/>). The cropping area proportions are predefined to the correct image size.

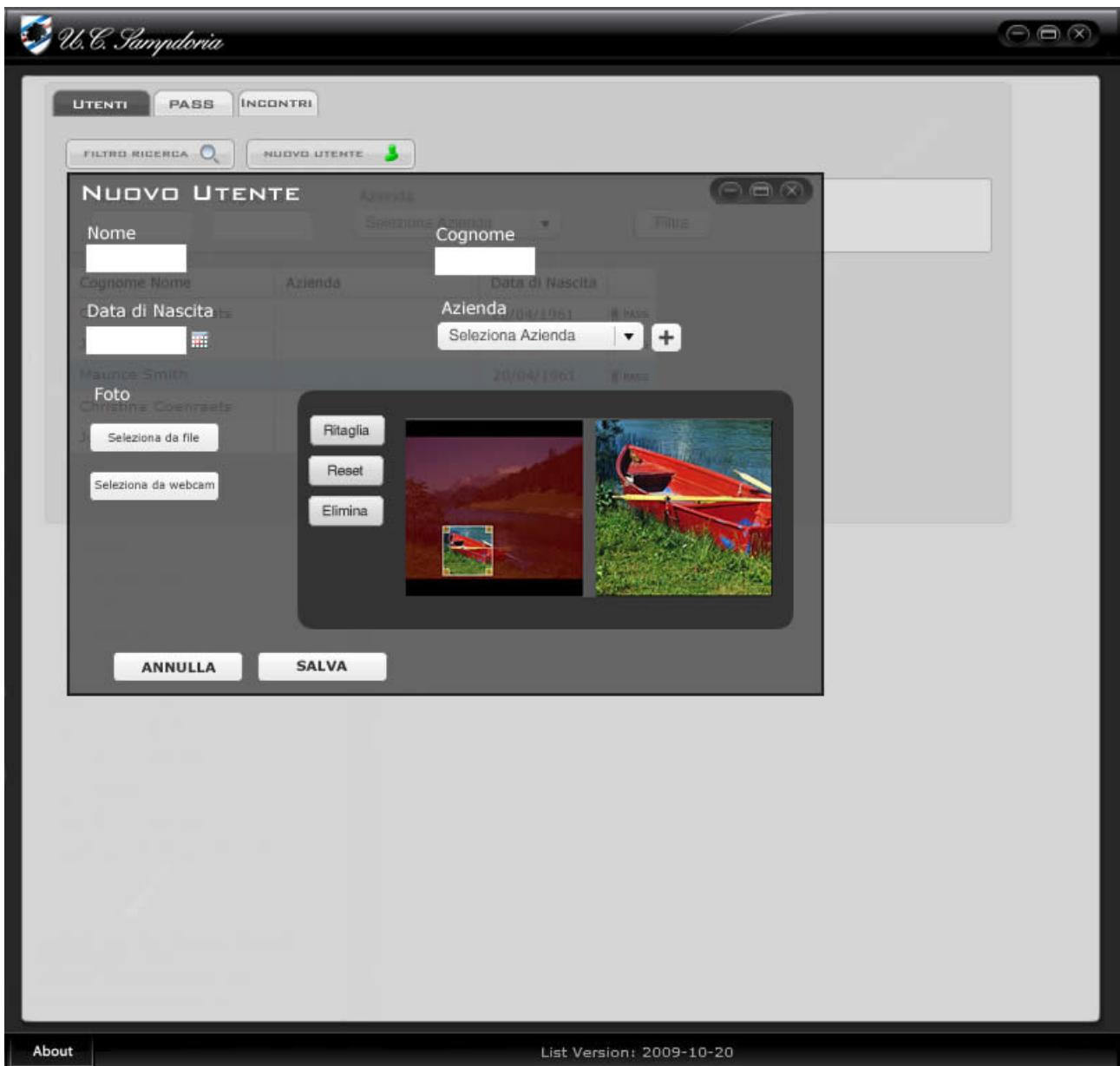


Illustration 3: User Form with WebCam Selection

By clicking on save all info are stored in the db (including image).
In Edit mode near photo selection options the actual photo is showed.

2. PASS MANAGEMENT

Pass management use information from accesses table.

[accesses]		
This table tracks the users who access the Private area.		
id	integer [PRIMARY KEY AUTOINCREMENT]	ID of the access
matches_id	integer	Relation to matches table
user_id	Integer	Relation to users table
access_area	Varchar [255]	Restricted areas description
deleted	Smallint [1]	0 not deleted, 1 deleted

When you click on Users tab you see a list of passes (Illustration 4).

You can filter results on the following fields:

- first name and last name (Nome and Cognome)
- company (Azienda)
- season (Stagione)
- match (Incontro)

The list display:

- lastname and firstname (cognome and nome)
- company name (azienda)
- match (incontro)
- season (incontro)
- edit and delete (soft delete managed by deleted field in users table)
- print pass

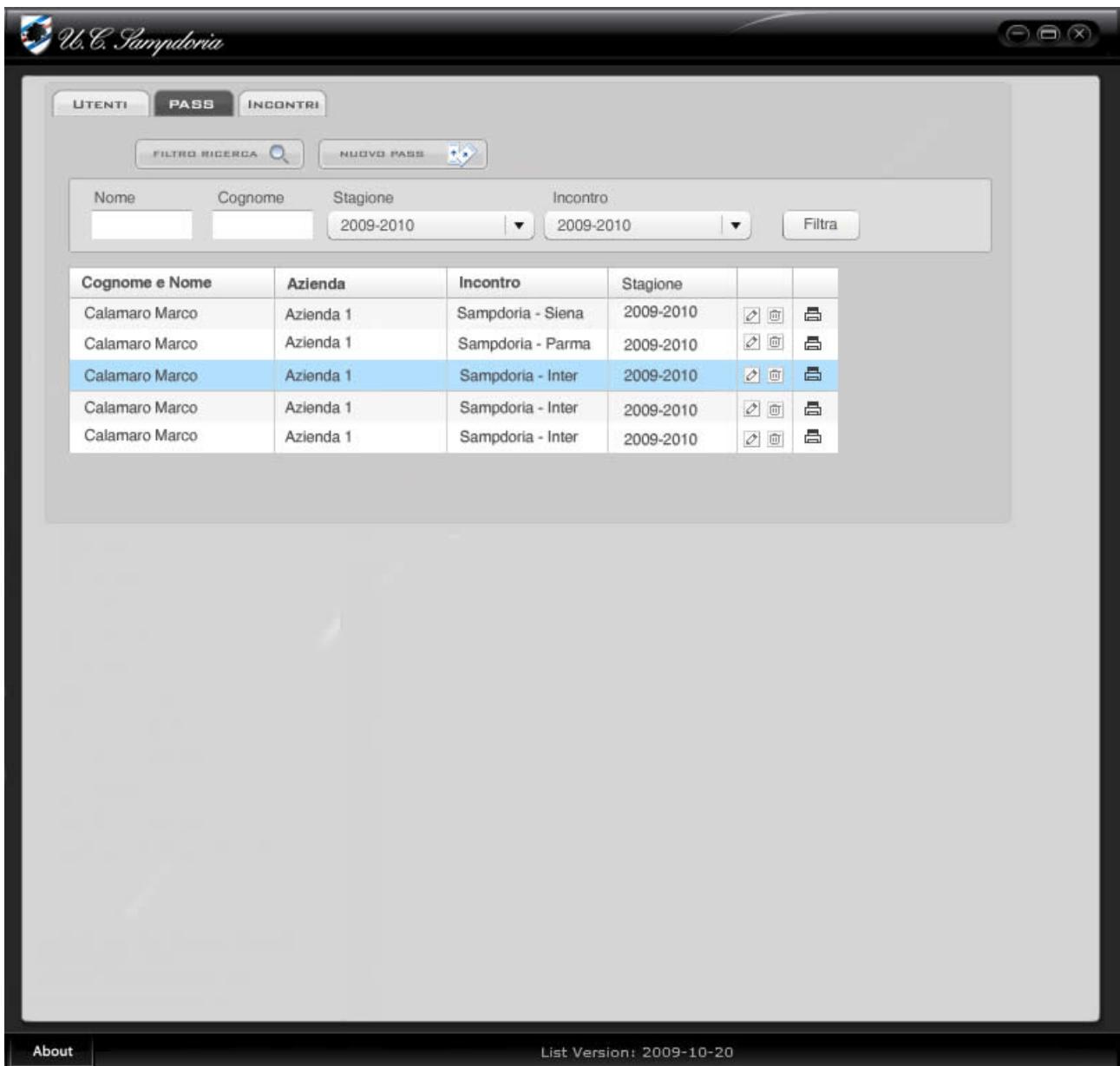


Illustration 4: Passes List

PASS FORM

Click on Nuovo Pass (new pass) and edit icon open a layer with pass form.

The form contain the following fields:

- User Select
- Match Select
- Area restrictions, a combo that showed a "SELECT DISTINCT access_area FROM accesses WHERE deleted = 0" result. If the user want to add an area restriction by pressing "+" button a text field will be showed.

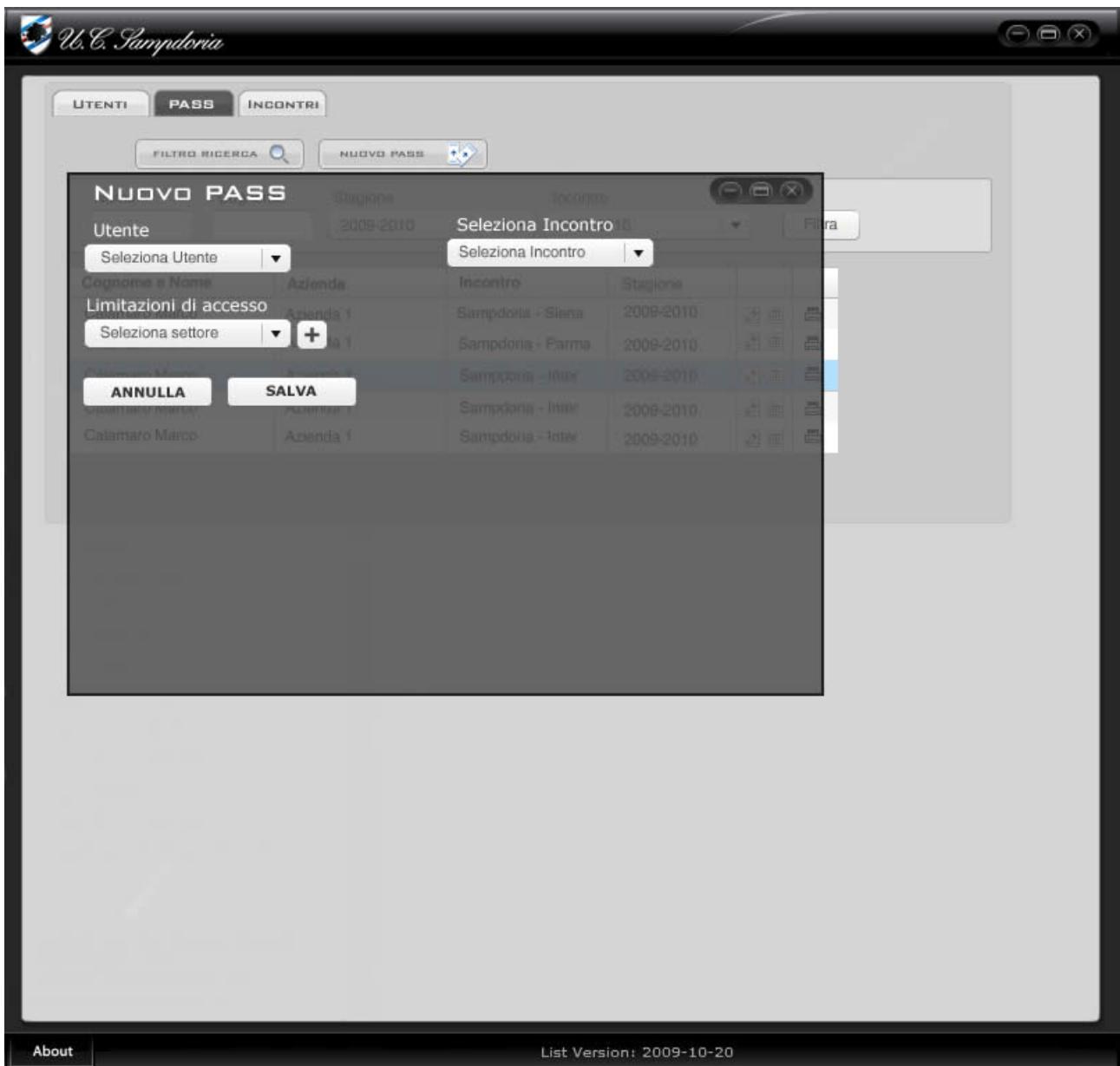


Illustration 5: Pass Form

PRINT PASS

The print job is based on a predefined graphic paper of 10,5 cm x 15 cm showed in Illustration 6.

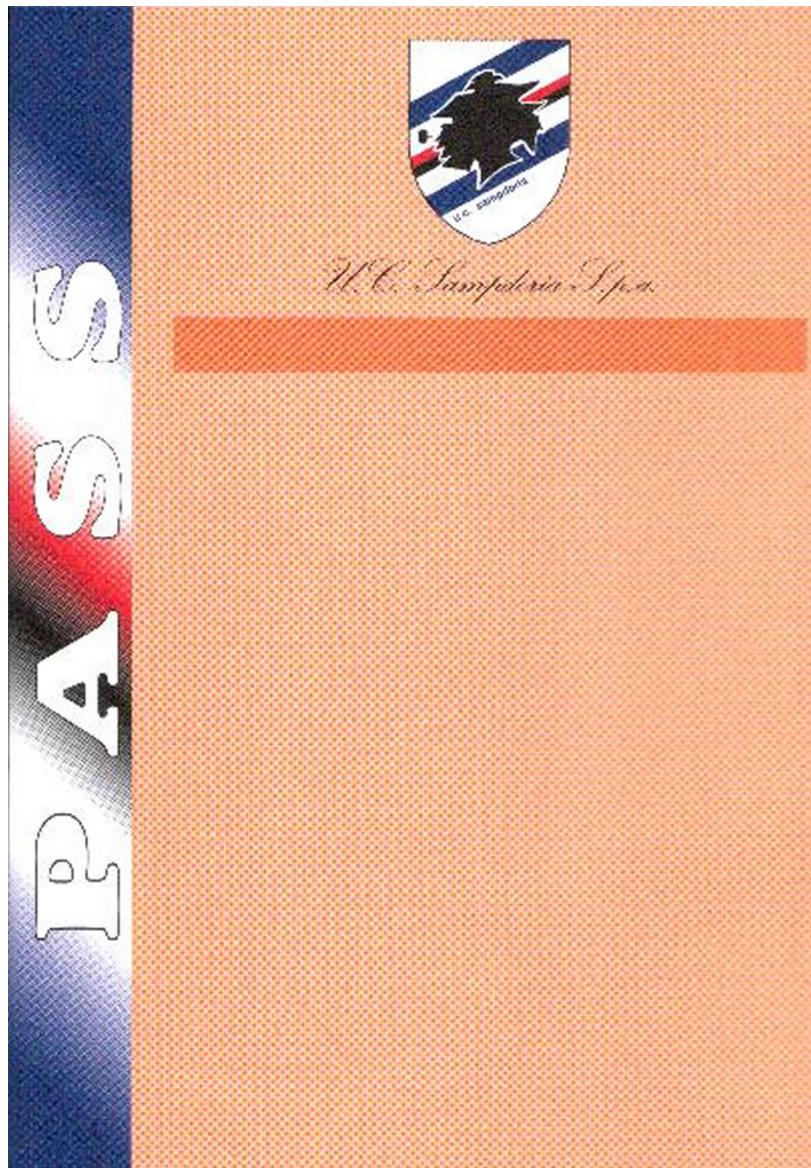


Illustration 6: Empty Pass

The pre-print pass is then printed with the collected info as showed in Illustration 7



"Stagione 2009-2010" is season in table matches

"SERVIZIO" is a fixed text.

"MAC EVENTS (AUDIO)" is company_name in companies table

"FIDIO" is lastname in users table

"MAURIZIO" is name in users table

"Accesso Escluso:...." is access_area in accesses table

photo is image in users table

"Sampdoria-Bologna" is matchname in matches

3. MATCHES MANAGEMENT

Matches use information in matches table

[matches] This table contains information about matches.		
id	integer [PRIMARY KEY AUTOINCREMENT]	ID of the user
matchname	Varchar [50]	Nome del match
season	Varchar [50]	Name of the season
deleted	Smallint [1]	0 not deleted, 1 deleted

When you click on Matches (Incontri) tab you see a list of matches (Illustration 8).

You can filter results on the following fields:

- first name and last name
- company

The list display:

- matchname (incontro)
- season (stagione)
- matchdate (format dd/mm/yyyy) (data incontro)
- edit and delete (soft delete managed by deleted field in matches table)
- link to all passes created for the selected match

The screenshot shows a software application window titled "U.C. Sampdoria". At the top, there are three tabs: "UTENTI", "PASS", and "INCONTRI", with "INCONTRI" being the active tab. Below the tabs is a search bar labeled "FILTRA RICERCA" with a magnifying glass icon. Underneath the search bar are date selection fields labeled "Dal" and "Al", and a dropdown menu labeled "Stagione" set to "2009-2010". To the right of these is a "Filtra" button. The main area displays a table with the following data:

Incontro	Stagione	Data Incontro		
Sampdoria - Siena	2009-2010	20/09/2010	<input type="checkbox"/>	<input checked="" type="checkbox"/> PASS
Sampdoria - Parma	2009-2010	20/09/2010	<input type="checkbox"/>	<input checked="" type="checkbox"/> PASS
Sampdoria - Inter	2009-2010	20/09/2010	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> PASS
Sampdoria - Inter	2009-2010	20/09/2010	<input type="checkbox"/>	<input checked="" type="checkbox"/> PASS
Sampdoria - Inter	2009-2010	20/09/2010	<input type="checkbox"/>	<input checked="" type="checkbox"/> PASS

At the bottom left is an "About" link, and at the bottom right is the text "List Version: 2009-10-20".

Illustration 7: Matches List

The screenshot shows a software application window for U.C. Sampdoria. At the top, there are tabs for 'UTENTI', 'PASS', and 'INCONTRI'. The 'INCONTRI' tab is active, indicated by a dark background. Below the tabs are search and filter buttons: 'FILTRA RICERCA' with a magnifying glass icon and 'NUOVO INCONTRO' with a soccer ball icon.

The main area is titled 'NUOVO INCONTRO' (New Match). It contains two sections: 'Incontro' (Match) and 'Stagione' (Season).

Incontro:

- Input field for 'Incontro' (Match).
- Input field for 'Data incontro' (Match Date), which is currently empty.

Stagione:

- Input field for 'Stagione' (Season) set to '2009-2010'.
- A dropdown menu labeled 'Selezione Stagione' with a downward arrow.
- A '+' button to add new seasons.
- A table listing matches for the 2009-2010 season:

Incontro	Stagione	Data incontro	Pass
Sampdoria - Inter	2009-2010	20/09/2010	Pass
Sampdoria - Inter	2009-2010	20/09/2010	Pass
Sampdoria - Inter	2009-2010	20/09/2010	Pass
Sampdoria - Inter	2009-2010	20/09/2010	Pass

At the bottom of the form are 'ANNULLA' (Cancel) and 'SALVA' (Save) buttons.

The footer of the application includes an 'About' link and a 'List Version: 2009-10-20' message.

Illustration 8: Match Form