



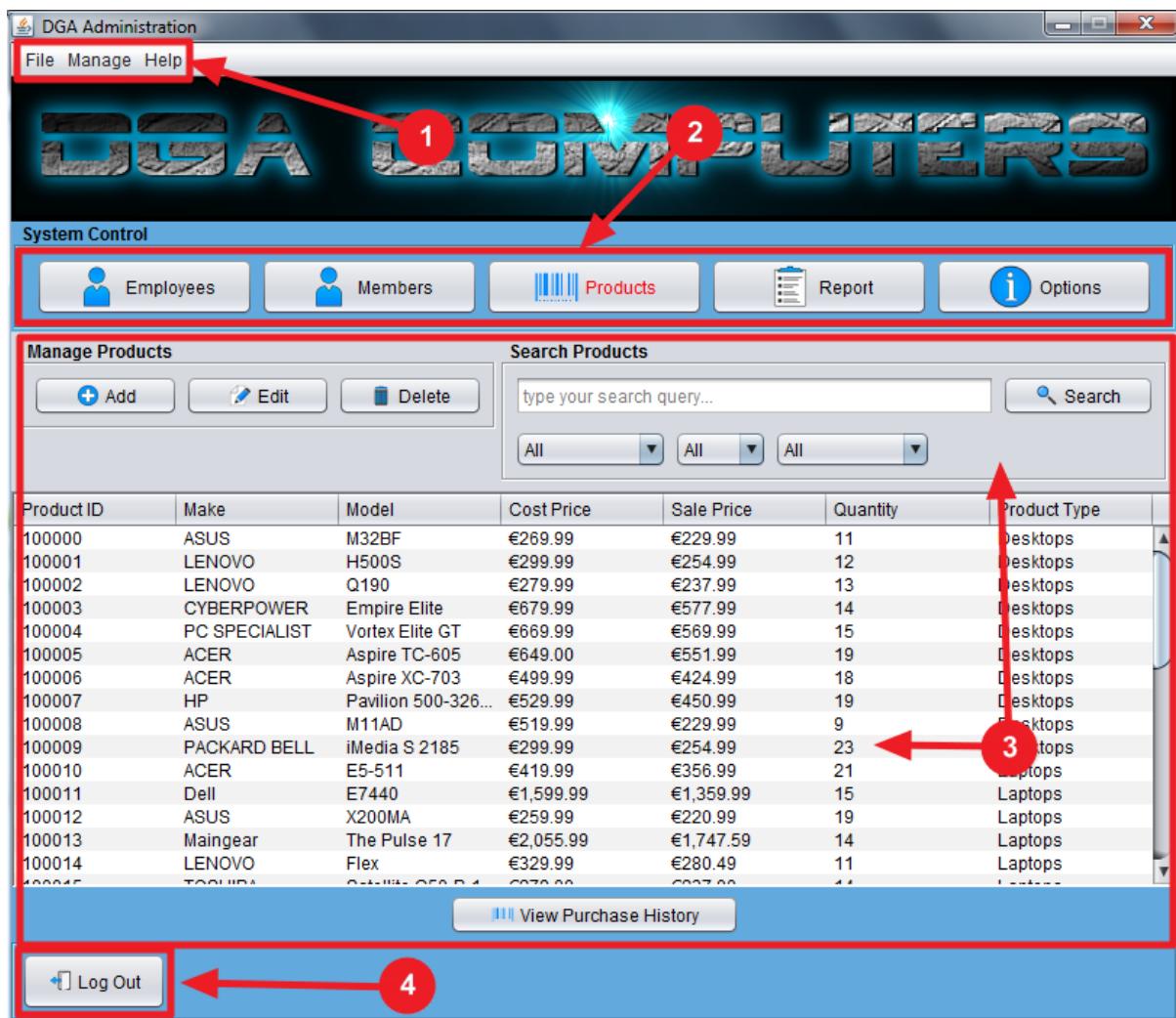
Administration Manual

(2015)

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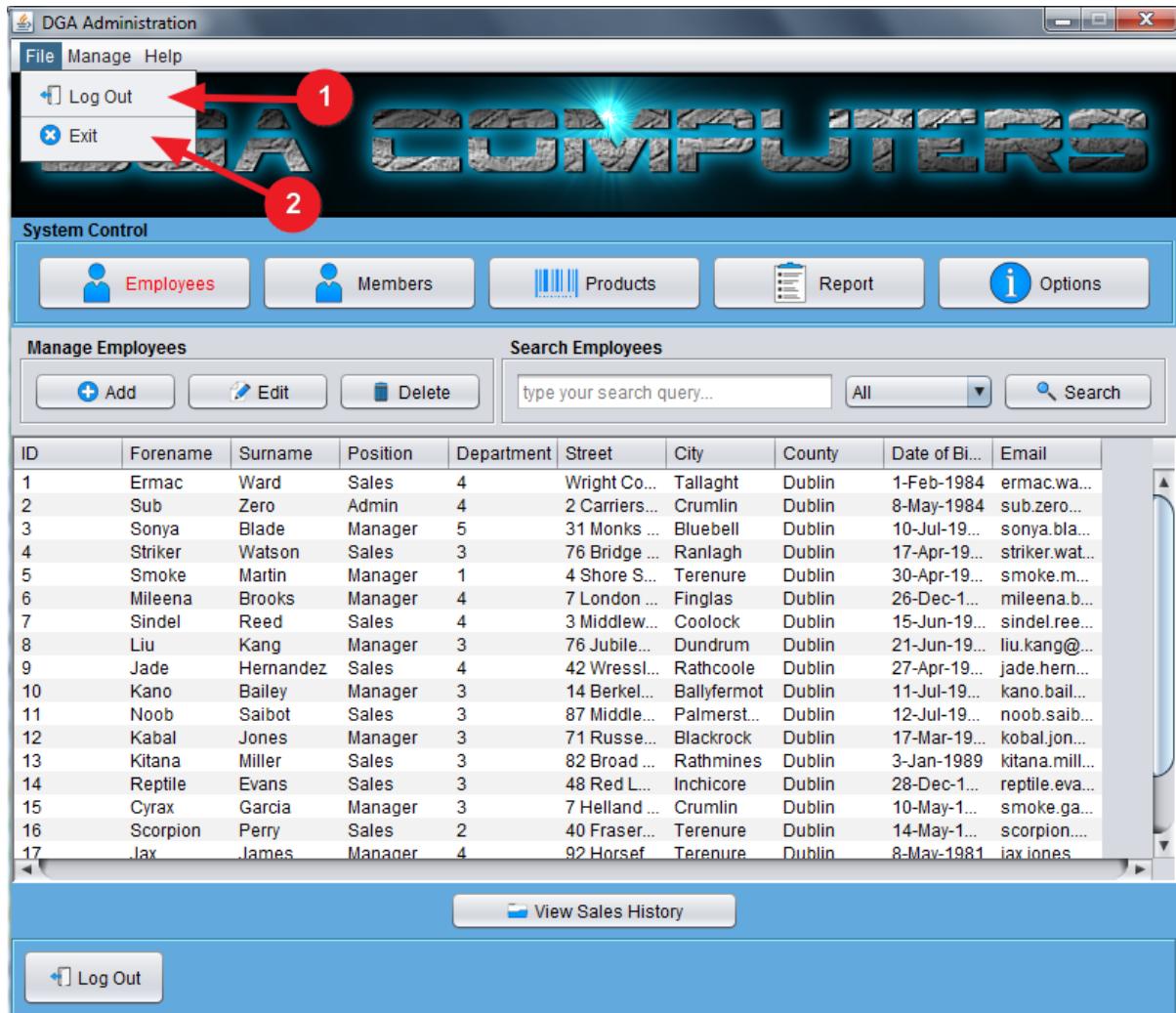
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Main Screen



1. The main menu gives you access to various sections of the application, as well as allowing you to quickly change settings or exit the application
2. Navigation bar is the central
3. Data about employees, members or products is displayed in the center window. A tableau is used to give you quick access to all the information contained in the database. The controls above the tableau allow you to quickly manipulate the data.
4. The log out button allows you to log out of the Administration window, back to the Start Screen. Log out will NOT exit the application

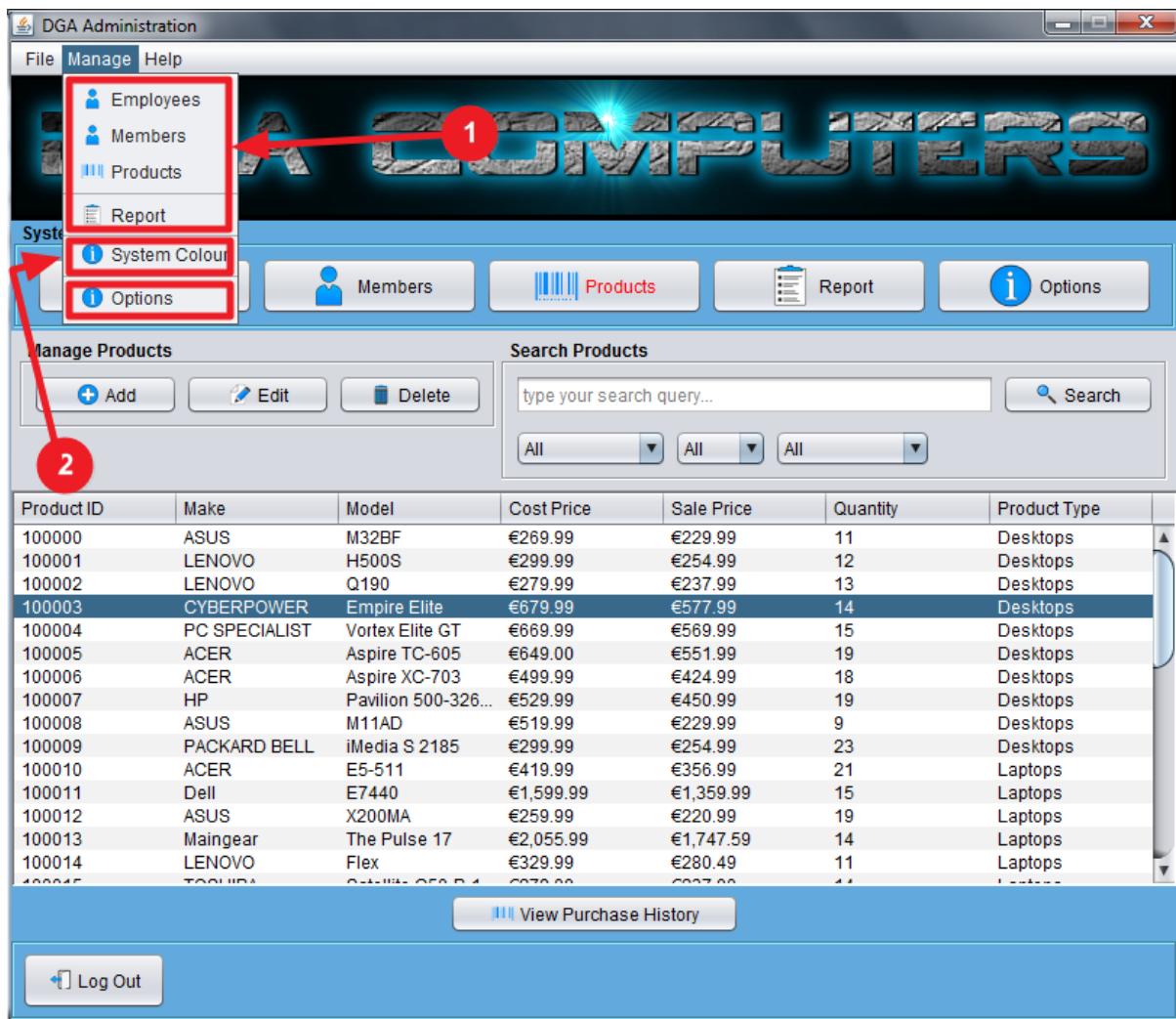
File Menu



The file menu lets you either exit the application or log out of the current section

1. Click the "Log Out" menu item to log out of the Administration window
2. Click the "Exit" menu item to exit the application. Note: This will shut down the application completely.

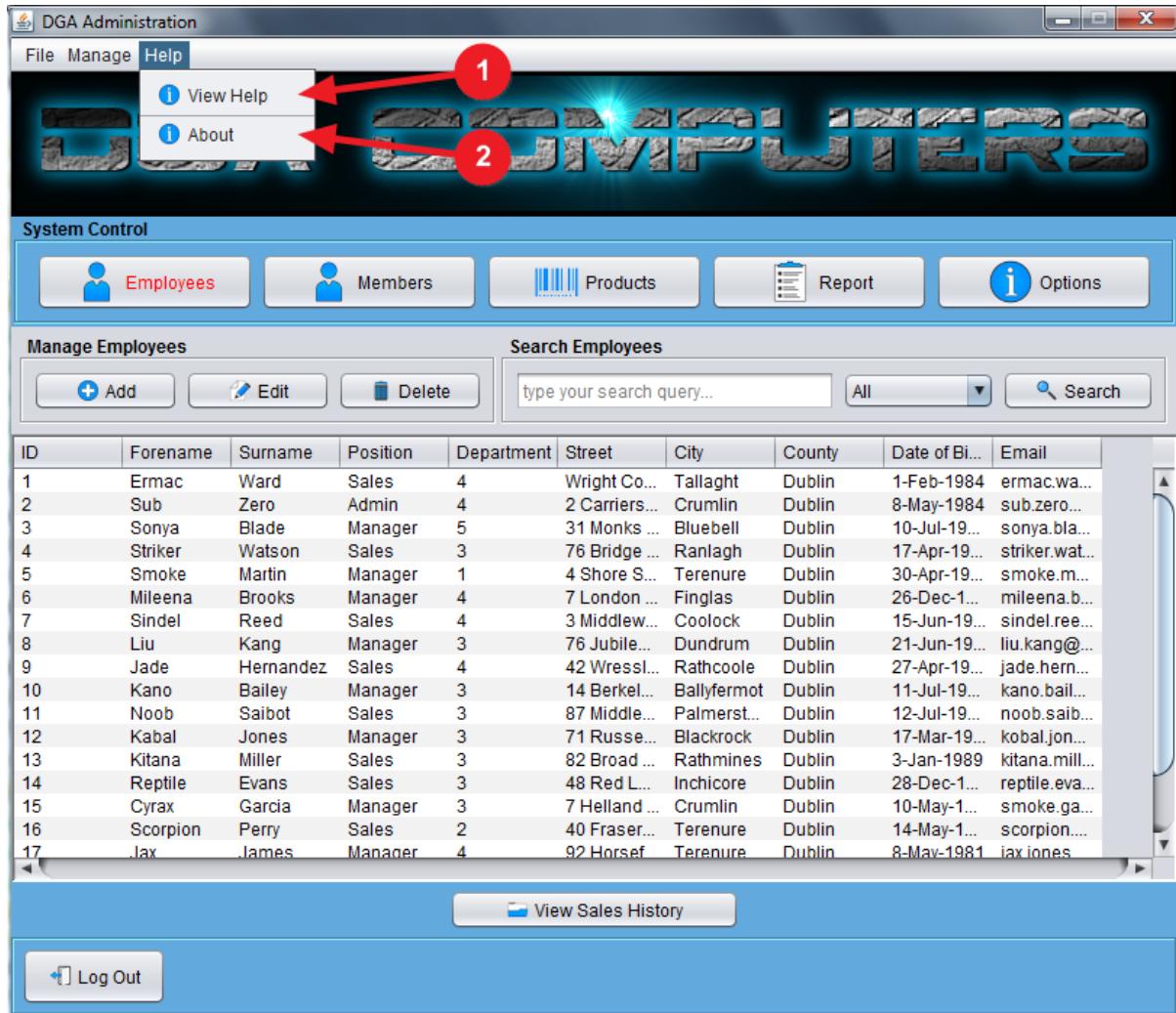
Manage Menu



Manage menu gives you another way to access features of the navigation bar and also lets you quickly change settings, such as colour.

1. Click the menu item to access the desired section
2. Click "System Colour" to quickly change the theme colour of the application

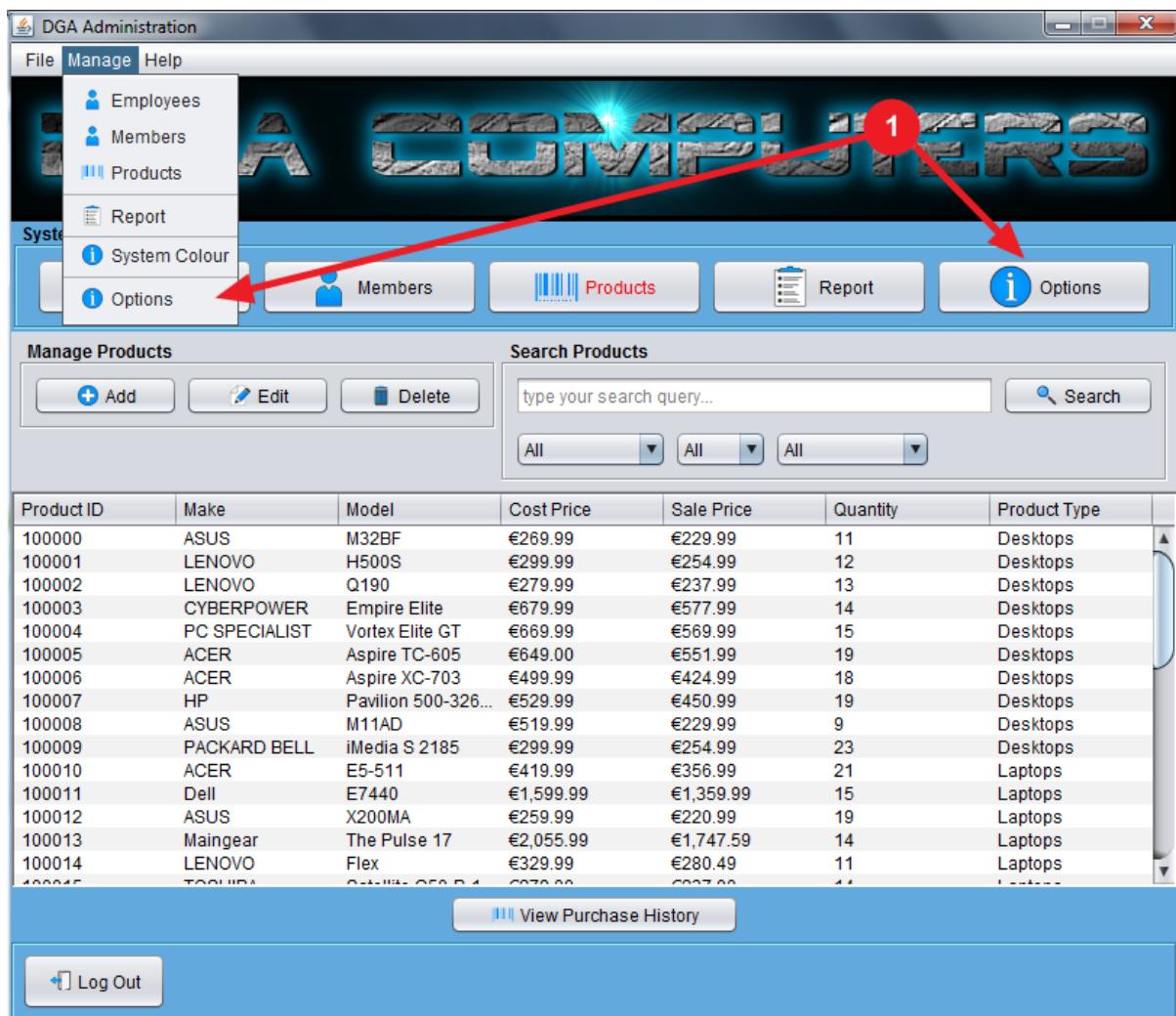
Help Menu



In the help menu, you can view the help guide (this guide) or find information about the application.

1. Click the “View Help” menu item to open the help guide
2. Click the “About” menu item to view information regarding DGA Computers

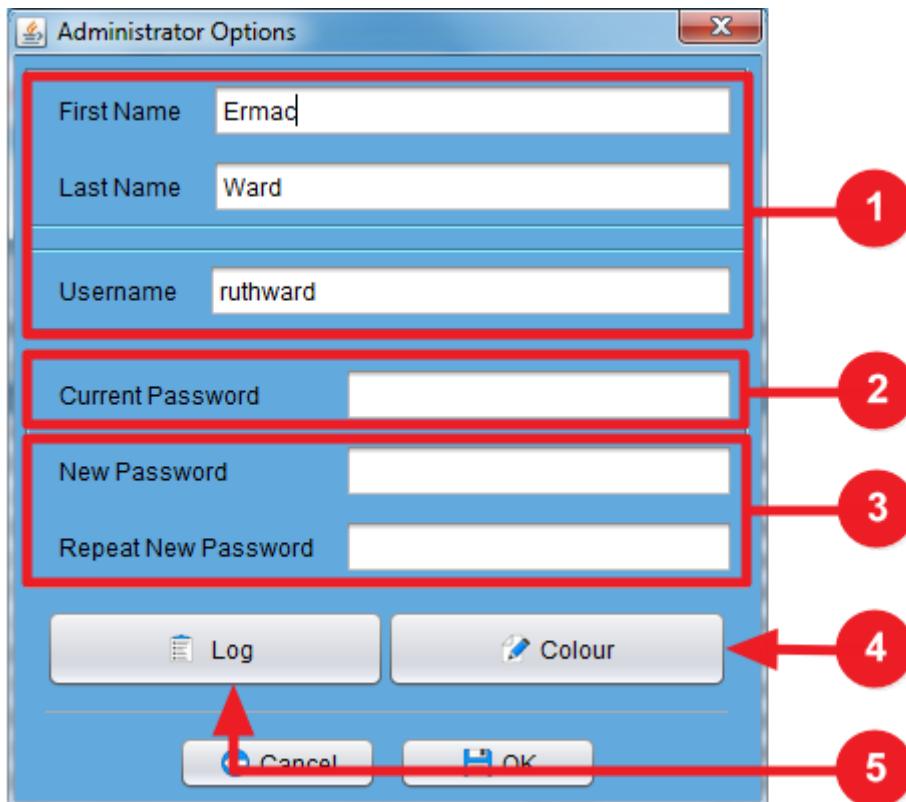
Administrator Options



1. Administrator options can be accessed from either the menu item in the Manage menu or by directly click on the “Options” button in the navigation bar

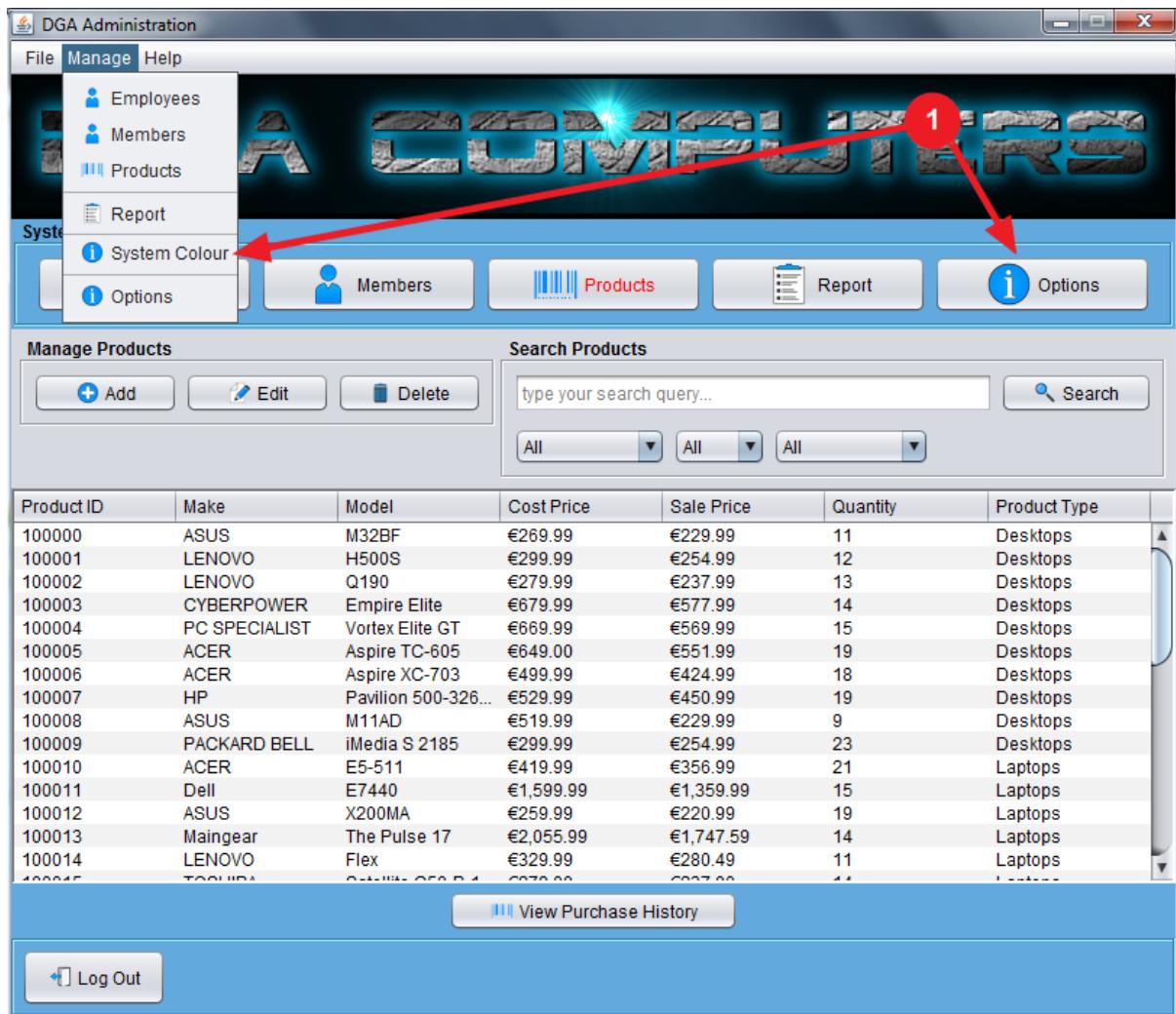
Administrator Options window allows a system administrator to quickly change their information.

Administrator's first name, last name, username and password can be changed here. For added security a current password is required for changes to take effect.

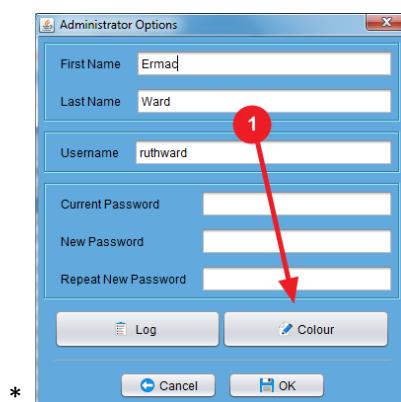


1. Shows logged in administrator's first name, last name, and username.
2. "Current Password" field is required as a confirmation for any changes made to the administrator information.
3. If a new password is desired, it must be entered in "New Password" field and repeated in "Repeat New Password" field. Note: Current, valid password is required when changing the password.
4. Clicking on the "Colour" button will allow you to change the theme colour of the application.
5. "Log" allows the administrator to view various information about the system.

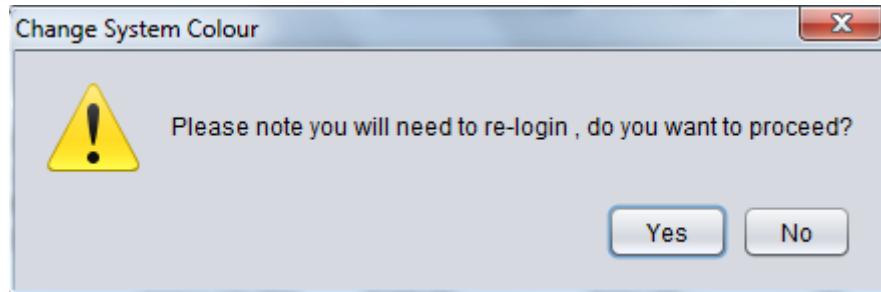
Change System Colour



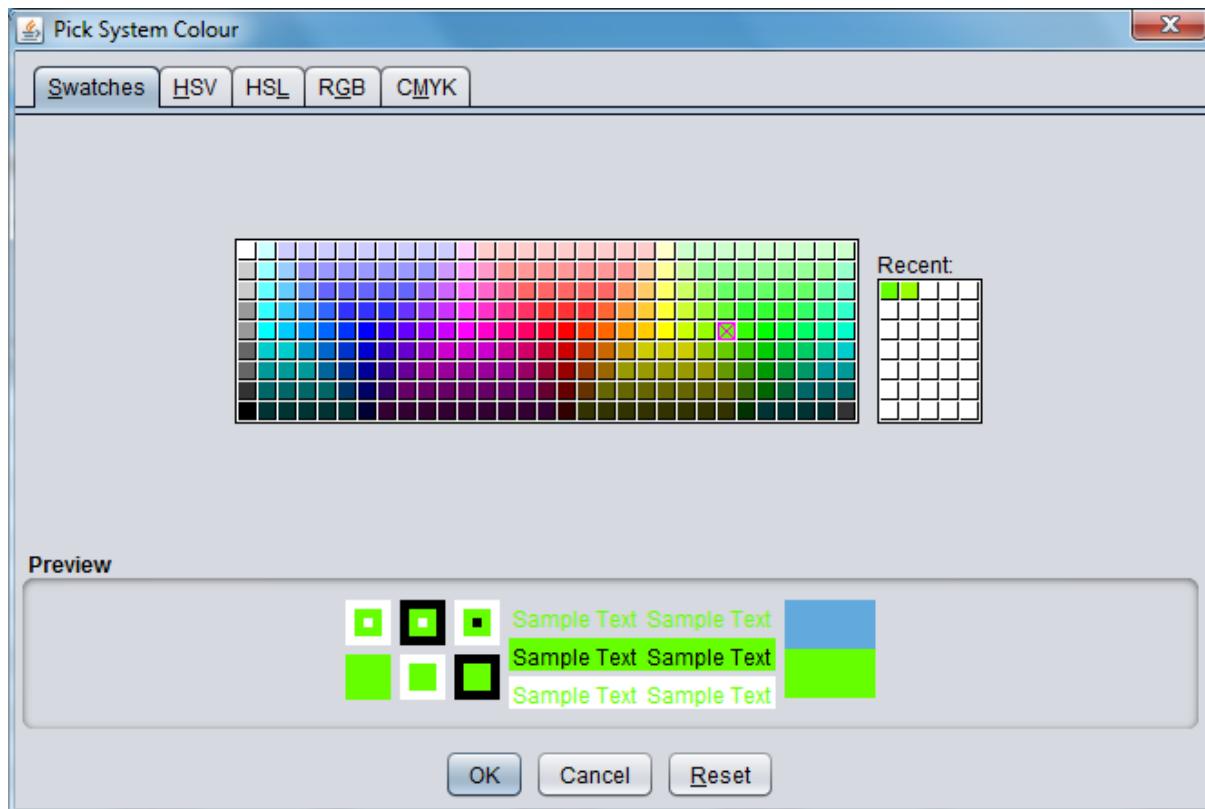
1. The option to change the theme colour of the application can be accessed from two places in the application. It can be accessed either from the “Manage” menu or through the Administrator Options(*) by clicking the “Options” button.



Before opening the colour selection menu, a small warning dialog will pop-up to warn you that you will be logged out back to the Start Screen in order for the changes to take effect.

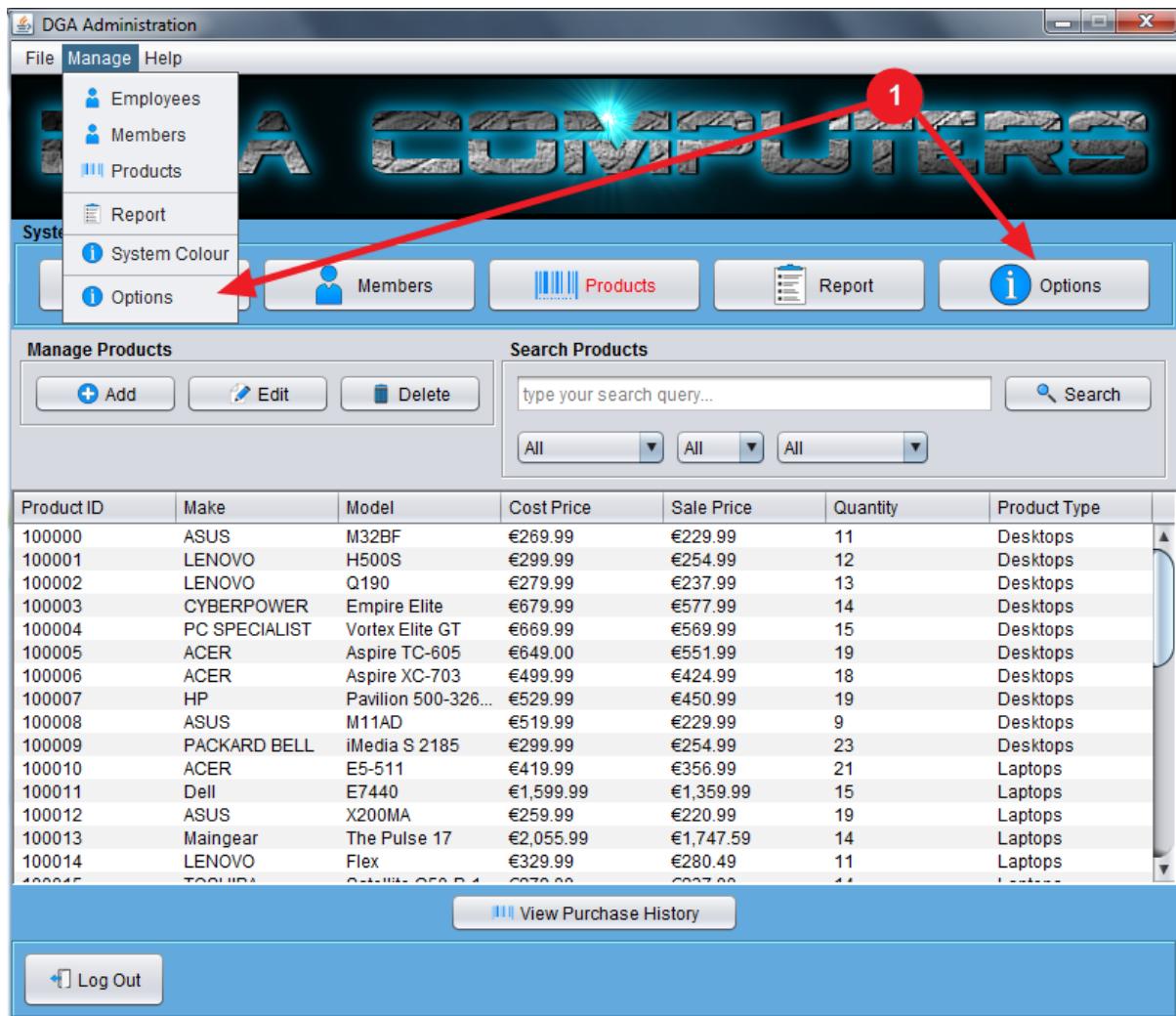


Click "Yes" if you agree to proceed to the colour selector.



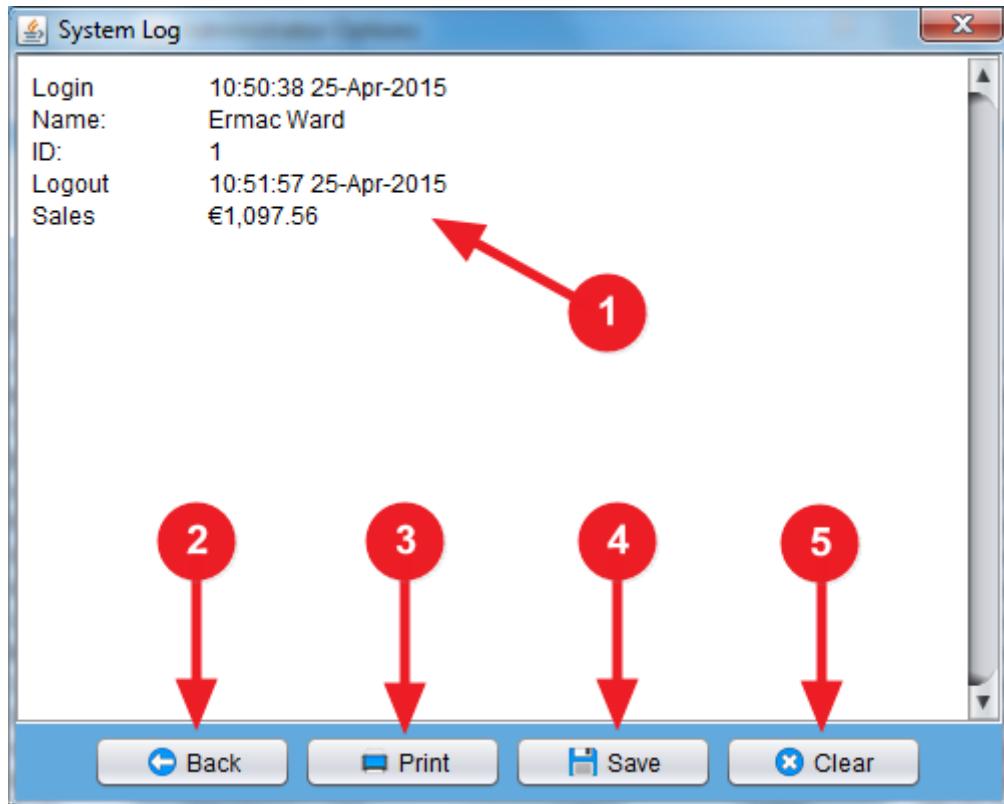
In the colour selector, simply pick your desired colour and then click "OK" to confirm.
Note: you will be logged out back to the Start Screen.

View System Log



DGA Computers includes a system log where the administrator can view various useful information. It can be accessed from either the “Manage” menu or through the Administrator Options window, by clicking the “Options” button.

In the System Log, you can view information such as the amount of sales an employee of the company has had.



1. Main information of the log.
2. Back button to exit to the previous window.
3. Print button allows you to print the log.
4. Save button allows you to save the log as a text file.
5. “Clear” clears the system log. Note: once the system log is cleared, it is not possible to recover the information.

Manage Employees

The screenshot shows the DGA Administration software interface. At the top, there is a menu bar with File, Manage, and Help. Below the menu is a logo for 'DGA COMPUTERS' with a blue and silver metallic texture. A navigation bar below the logo includes tabs for Employees (highlighted with a red circle and arrow 1), Members, Products, Report, and Options.

The main content area has two sections: 'Manage Employees' and 'Search Employees'. The 'Manage Employees' section contains buttons for Add, Edit, and Delete, along with a search bar labeled 'type your search query...' and a dropdown for 'All' or 'Search'. The 'Search Employees' section has a search bar and a dropdown for 'All' or 'Search'.

A large table below these sections displays employee data with columns: ID, Forename, Surname, Position, Department, Street, City, County, Date of Birth, and Email. The table lists 16 employees with IDs from 1 to 16, names like Ermac Ward, Sub Zero, Sonya Blade, etc., and various job positions and locations.

At the bottom of the interface, there is a footer with a 'Log Out' button and a 'View Sales History' button, which is highlighted with a red circle and arrow 4. Red arrows also point from the 'Employees' tab (arrow 1) and the search bar (arrow 2) to their respective counterparts in the interface.

ID	Forename	Surname	Position	Department	Street	City	County	Date of Birth	Email
1	Ermac	Ward	Sales	4	Wright Co...	Tallaght	Dublin	1-Feb-1984	ermac.wa...
2	Sub	Zero	Admin	4	2 Carriers...	Crumlin	Dublin	8-May-1984	sub.zero...
3	Sonya	Blade	Manager	5	31 Monks ...	Bluebell	Dublin	10-Jul-19...	sonya.bla...
4	Striker	Watson	Sales	3	76 Bridge ...	Ranlagh	Dublin	17-Apr-19...	striker.wat...
5	Smoke	Martin	Manager	1	4 Shore S...	Terenure	Dublin	30-Apr-19...	smoke.m...
6	Mileena	Brooks	Manager	4	7 London ...	Finglas	Dublin	26-Dec-1...	mileena.b...
7	Sindel	Reed	Sales	4	3 Middlew...	Coolock	Dublin	15-Jun-19...	sindel.ree...
8	Liu	Kang	Manager	3	76 Jubile...	Dundrum	Dublin	21-Jun-19...	liu.kang@...
9	Jade	Hernandez	Sales	4	42 Wressl...	Rathcoole	Dublin	27-Apr-19...	jade.hern...
10	Kano	Bailey	Manager	3	14 Berkel...	Ballyfermot	Dublin	11-Jul-19...	kano.bail...
11	Noob	Saibot	Sales	3	87 Middle...	Palmerst...	Dublin	12-Jul-19...	noob.saib...
12	Kabal	Jones	Manager	3	71 Russe...	Blackrock	Dublin	17-Mar-19...	kabal.jon...
13	Kitana	Miller	Sales	3	82 Broad ...	Rathmines	Dublin	3-Jan-1989	kitana.mill...
14	Reptile	Evans	Sales	3	48 Red L...	Inchicore	Dublin	28-Dec-1...	reptile.eva...
15	Cyax	Garcia	Manager	3	7 Helland ...	Crumlin	Dublin	10-May-1...	smoke.ga...
16	Scorpion	Perry	Sales	2	40 Fraser...	Terenure	Dublin	14-May-1...	scorpion....

Manage employees tab, allows you to manage your current staff and perform various actions to maintain their information.

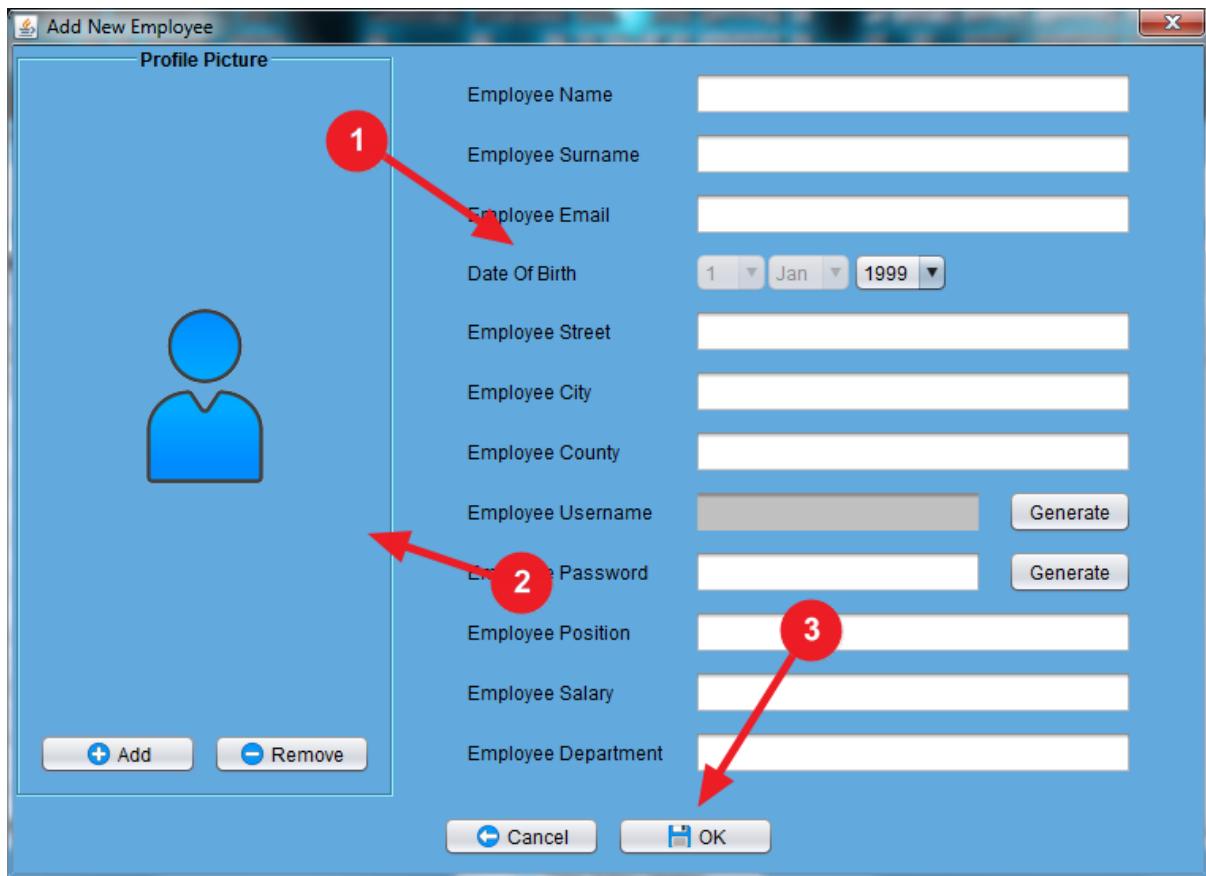
1. You can add, update and delete employee information.
2. It is possible to search for employees.
3. The main tableau provides the overview of all the employees in the system.
4. It is possible to view all the sales history of a particular employee, if desired.

Add Employee

The screenshot shows the 'DGA Administration' application window. At the top, there's a menu bar with 'File', 'Manage', and 'Help'. Below the menu is a large logo for 'DGA COMPUTERS'. The main area is titled 'System Control' and contains several tabs: 'Employees' (highlighted with a red circle and arrow), 'Members', 'Products', 'Report', and 'Options'. Under the 'Employees' tab, there are two sections: 'Manage Employees' and 'Search Employees'. The 'Manage Employees' section includes buttons for '+ Add', 'Edit', and 'Delete'. The 'Search Employees' section has a search input field 'type your search query...' and a dropdown 'All'. A red arrow points from the text 'To add a new employee to the database, simply click the "Add"(1) button to display the employee addition dialog.' to the '+ Add' button. Below these sections is a table listing employee data with columns: ID, Forename, Surname, Position, Department, Street, City, County, Date of Birth, and Email. The table contains 17 rows of data. At the bottom of the screen are buttons for 'View Sales History' and 'Log Out'.

ID	Forename	Surname	Position	Department	Street	City	County	Date of Bi...	Email
1	Ermac	Ward	Sales	4	Wright Co...	Tallaght	Dublin	1-Feb-1984	ermac.wa...
2	Sub	Zero	Admin	4	2 Carriers...	Crumlin	Dublin	8-May-1984	sub.zero...
3	Sonya	Blade	Manager	5	31 Monks ...	Bluebell	Dublin	10-Jul-19...	sonya.bla...
4	Striker	Watson	Sales	3	76 Bridge ...	Ranlagh	Dublin	17-Apr-19...	striker.wat...
5	Smoke	Martin	Manager	1	4 Shore S...	Terenure	Dublin	30-Apr-19...	smoke.m...
6	Mileena	Brooks	Manager	4	7 London ...	Finglas	Dublin	26-Dec-1...	mileena.b...
7	Sindel	Reed	Sales	4	3 Middlew...	Coolock	Dublin	15-Jun-19...	sindel.ree...
8	Liu	Kang	Manager	3	76 Jubile...	Dundrum	Dublin	21-Jun-19...	liu.kang@...
9	Jade	Hernandez	Sales	4	42 Wressl...	Rathcoole	Dublin	27-Apr-19...	jade.hern...
10	Kano	Bailey	Manager	3	14 Berkel...	Ballyfermot	Dublin	11-Jul-19...	kano.bail...
11	Noob	Saibot	Sales	3	87 Middle...	Palmerst...	Dublin	12-Jul-19...	noob.saib...
12	Kabal	Jones	Manager	3	71 Russe...	Blackrock	Dublin	17-Mar-19...	kabal.jon...
13	Kitana	Miller	Sales	3	82 Broad ...	Rathmines	Dublin	3-Jan-1989	kitana.mill...
14	Reptile	Evans	Sales	3	48 Red L...	Inchicore	Dublin	28-Dec-1...	reptile.eva...
15	Cyrax	Garcia	Manager	3	7 Helland ...	Crumlin	Dublin	10-May-1...	smoke.ga...
16	Scorpion	Perry	Sales	2	40 Fraser...	Terenure	Dublin	14-May-1...	scorpion....
17	Iax	James	Manager	4	92 Horsef...	Terenure	Dublin	8-May-1981	iax innes

To add a new employee to the database, simply click the "Add"(1) button to display the employee addition dialog.



After clicking the “Add” button, an employee addition window opens up. Fill out all the fields in the window and click the “OK” button.

1. Fill out of the fields. Pick the birth information. For convenience and security, password and username generators are included, simply click on them to fill in the field.
2. Choose the image for the employee.
3. Click the “OK” button to confirm and save the details.

Edit Employee

The screenshot shows the DGA Administration software interface. At the top, there is a menu bar with 'File', 'Manage', and 'Help'. Below the menu is a logo for 'DGA COMPUTERS' with a blue and silver metallic effect. The main window has a title bar 'System Control'. Below the title bar is a navigation bar with five tabs: 'Employees' (highlighted with a red circle labeled '2'), 'Members', 'Products', 'Report', and 'Options'. Underneath the navigation bar are two buttons: '+ Add' and 'Edit' (highlighted with a red arrow labeled '1'). To the right of these buttons is a search bar with a placeholder 'type your search query...' and a dropdown menu set to 'All'. Below the search bar is a table titled 'Manage Employees' containing 17 rows of employee data. The table columns are: ID, Forename, Surname, Position, Department, Street, City, County, Date of Birth, and Email. The first row is highlighted with a blue background. The last row, which contains the entry 'Jax James Manager 4', is also highlighted with a blue background. At the bottom of the table is a 'View Sales History' button. At the very bottom of the window is a 'Log Out' button.

ID	Forename	Surname	Position	Department	Street	City	County	Date of Birth	Email
1	Ermac	Ward	Sales	4	Wright Co...	Tallaght	Dublin	1-Feb-1984	ermac.wa...
2	Sub	Zero	Admin	4	2 Carriers...	Crumlin	Dublin	8-May-1984	sub.zero...
3	Sonya	Blade	Manager	5	31 Monks ...	Bluebell	Dublin	10-Jul-19...	sonya.bla...
4	Striker	Watson	Sales	3	76 Bridge ...	Ranlagh	Dublin	17-Apr-19...	striker.wat...
5	Smoke	Martin	Manager	1	4 Shore S...	Terenure	Dublin	30-Apr-19...	smoke.m...
6	Mileena	Brooks	Manager	4	7 London ...	Finglas	Dublin	26-Dec-1...	mileena.b...
7	Sindel	Reed	Sales	4	3 Middlew...	Coolock	Dublin	15-Jun-19...	sindel.ree...
8	Liu	Kang	Manager	3	76 Jublie...	Dundrum	Dublin	21-Jun-19...	liu.kang@...
9	Jade	Hernandez	Sales	4	42 Wress ...	Rathcoole	Dublin	27-Apr-19...	jade.hern...
10	Kano	Bailey	Manager	3	14 Berke...	Phillyfermot	Dublin	11-Jul-19...	kano.bail...
11	Noob	Saibot	Sales	3	87 Middle...	Palmerst...	Dublin	12-Jul-19...	noob.saib...
12	Kabal	Jones	Manager	3	71 Russe...	Blackrock	Dublin	17-Mar-19...	kabal.jon...
13	Kitana	Miller	Sales	3	82 Broad ...	Rathmines	Dublin	3-Jan-1989	kitana.mill...
14	Reptile	Evans	Sales	3	48 Red L...	Inchicore	Dublin	28-Dec-1...	reptile.eva...
15	Cyrax	Garcia	Manager	3	7 Helland ...	Crumlin	Dublin	10-May-1...	smoke.ga...
16	Scorpion	Perry	Sales	2	40 Fraser...	Terenure	Dublin	14-May-1...	scorpion....
17	Jax	James	Manager	4	92 Horsef...	Terenure	Dublin	8-May-1981	jax.innes

To edit or update employee information, select the desired employee in the tableau and then click the “Edit” button.

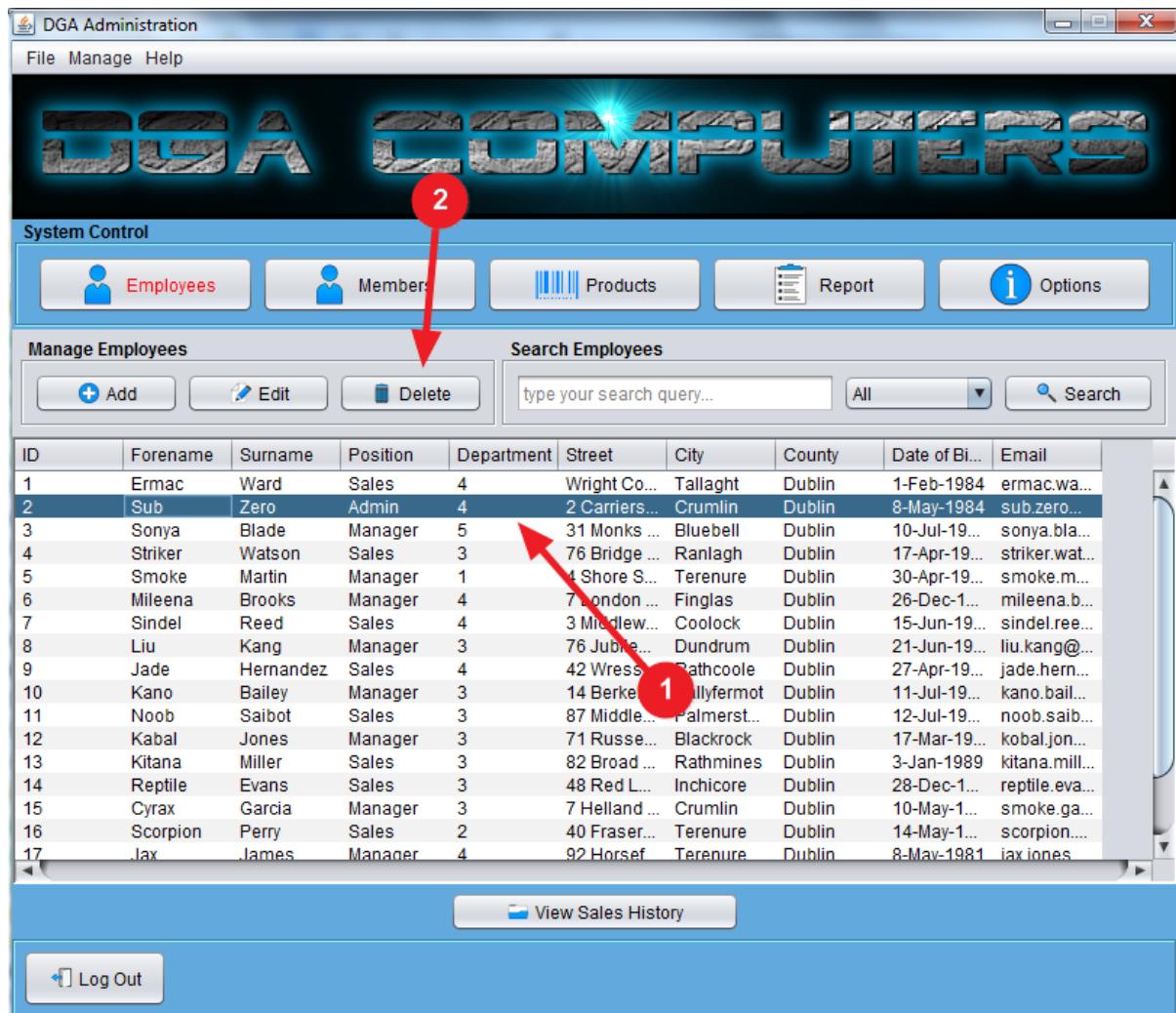
1. Select an employee whose information you wish to change.
2. Click “Edit” button.



Once the “Edit” button is clicked, a window opens up with the employee information populated.

1. Make the desired changes.
2. Add or remove the image.
3. Click “OK” to confirm changes and save the information.

Delete Employee



To delete an employee from the system:

1. Select an employee that you wish to delete.
2. Click the “Delete” button. A confirmation dialog will pop-up, asking to confirm your actions, click “Yes” to confirm and delete the employee.

Search Employee

The screenshot shows the 'DGA Administration' application window. At the top, there's a menu bar with 'File', 'Manage', and 'Help'. Below the menu is a large 'DGA COMPUTERS' logo. The main interface has a blue header with tabs: 'Employees' (selected), 'Members', 'Products', 'Report', and 'Options'. Below the header, there are two sections: 'Manage Employees' and 'Search Employees'. The 'Manage Employees' section contains buttons for '+ Add', 'Edit', and 'Delete'. The 'Search Employees' section has a search bar with placeholder text 'type your search query...', a dropdown menu set to 'All', and a 'Search' button. A large table below lists employee details such as ID, Forename, Surname, Position, Department, Street, City, County, Date of Birth, and Email. The table includes 17 rows of data. At the bottom of the screen are buttons for 'View Sales History' and 'Log Out'.

ID	Forename	Surname	Position	Department	Street	City	County	Date of Bi...	Email
1	Ermac	Ward	Sales	4	Wright Co...	Tallaght	Dublin	1-Feb-1984	ermac.wa...
2	Sub	Zero	Admin	4	2 Carriers...	Crumlin	Dublin	8-May-1984	sub.zero...
3	Sonya	Blade	Manager	5	31 Monks ...	Bluebell	Dublin	10-Jul-19...	sonya.bla...
4	Striker	Watson	Sales	3	76 Bridge ...	Ranlagh	Dublin	17-Apr-19...	striker.wat...
5	Smoke	Martin	Manager	1	4 Shore S...	Terenure	Dublin	30-Apr-19...	smoke.m...
6	Mileena	Brooks	Manager	4	7 London ...	Finglas	Dublin	26-Dec-1...	mileena.b...
7	Sindel	Reed	Sales	4	3 Middlew...	Coolock	Dublin	15-Jun-19...	sindel.ree...
8	Liu	Kang	Manager	3	76 Jubile...	Dundrum	Dublin	21-Jun-19...	liu.kang@...
9	Jade	Hernandez	Sales	4	42 Wressl...	Rathcoole	Dublin	27-Apr-19...	jade.hern...
10	Kano	Bailey	Manager	3	14 Berkel...	Ballyfermot	Dublin	11-Jul-19...	kano.bail...
11	Noob	Saibot	Sales	3	87 Middle...	Palmerst...	Dublin	12-Jul-19...	noob.saib...
12	Kabal	Jones	Manager	3	71 Russe...	Blackrock	Dublin	17-Mar-19...	kabal.jon...
13	Kitana	Miller	Sales	3	82 Broad ...	Rathmines	Dublin	3-Jan-1989	kitana.mill...
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15	Cyrax	Garcia	Manager	3	7 Helland ...	Crumlin	Dublin	10-May-1...	smoke.ga...
16	Scorpion	Perry	Sales	2	40 Fraser...	Terenure	Dublin	14-May-1...	scorpion....
17	Iax	James	Manager	4	92 Horsef...	Terenure	Dublin	8-May-1981	iax innes

To search for an employee simply enter their name in the Search Field(1) and click the Search(3) button. Additionally, you can filter(2) employees by department, if required.

View Sales History

The screenshot shows the 'DGA Administration' software interface. At the top, there's a menu bar with 'File', 'Manage', and 'Help'. Below the menu is a large logo for 'DGA COMPUTERS'. Underneath the logo is a 'System Control' bar with five buttons: 'Employees' (selected), 'Members', 'Products', 'Report', and 'Options'. The main area is titled 'Manage Employees' and contains two sections: 'Manage Employees' and 'Search Employees'. The 'Manage Employees' section includes buttons for '+ Add', 'Edit', and 'Delete'. The 'Search Employees' section has a search input field 'type your search query...' and a dropdown 'All' with a 'Search' button. Below these sections is a table of employee data with columns: ID, Forename, Surname, Position, Department, Street, City, County, Date of Birth, and Email. The table contains 17 rows of data. A red arrow labeled '1' points to the 'Department' column header. A red arrow labeled '2' points to the 'View Sales History' button at the bottom of the table. At the very bottom of the interface is a 'Log Out' button.

ID	Forename	Surname	Position	Department	Street	City	County	Date of Birth	Email
1	Ermac	Ward	Sales	4	Wright Co...	Tallaght	Dublin	1-Feb-1984	ermac.wa...
2	Sub	Zero	Admin	4	2 Carriers...	Crumlin	Dublin	8-May-1984	sub.zero...
3	Sonya	Blade	Manager	5	31 Monks ...	Bluebell	Dublin	10-Jul-19...	sonya.bla...
4	Striker	Watson	Sales	3	76 Bridge ...	Ranlagh	Dublin	17-Apr-19...	striker.wat...
5	Smoke	Martin	Manager	1	2 Shore S...	Terenure	Dublin	30-Apr-19...	smoke.m...
6	Mileena	Brooks	Manager	4	7 London ...	Finglas	Dublin	26-Dec-1...	mileena.b...
7	Sindel	Reed	Sales	4	3 Middlew...	Coolock	Dublin	15-Jun-19...	sindel.ree...
8	Liu	Kang	Manager	3	76 Jubil...	Dundrum	Dublin	21-Jun-19...	liu.kang@...
9	Jade	Hernandez	Sales	4	42 Wren...	Rathcoole	Dublin	27-Apr-19...	jade.hern...
10	Kano	Bailey	Manager	3	14 Berk...	Ballyfermot	Dublin	11-Jul-19...	kano.bail...
11	Noob	Saibot	Sales	2	87 Middle...	Palmerst...	Dublin	12-Jul-19...	noob.saib...
12	Kabal	Jones	Manager	5	71 Russe...	Blackrock	Dublin	17-Mar-19...	kabal.jon...
13	Kitana	Miller	Sales	3	82 Broad ...	Rathmines	Dublin	3-Jan-1989	kitana.mill...
14	Reptile	Evans	Sales	3	48 Red L...	Inchicore	Dublin	28-Dec-1...	reptile.eva...
15	Cyrax	Garcia	Manager	3	7 Helland ...	Crumlin	Dublin	10-May-1...	smoke.ga...
16	Scorpion	Perry	Sales	2	40 Fraser...	Terenure	Dublin	14-May-1...	scorpion....
17	Iax	James	Manager	4	32 Horsef...	Terenure	Dublin	8-May-1981	iax.innes

To view sales history of an employee:

1. Select an employee.
2. Click "View Sales History" button.

Sales History				
type in the order number...				Search
Sale ID	Sale Time	Sale Date	Discount	Sale Amount
5	NULL	08-Feb-2015	0.0	1599.99

Sales History window provides information on the employee performance by showing their sales over time.

Manage Members

The screenshot shows the 'DGA Administration' software interface. At the top, there's a menu bar with 'File', 'Manage', and 'Help'. Below the menu is a banner with the text 'DGA COMPUTERS'. The main area is titled 'System Control' and contains several tabs: 'Employees', 'Members' (which is highlighted with a red circle and arrow), 'Products', 'Report', and 'Options'. Under 'Members', there are buttons for 'Add', 'Edit', and 'Delete'. To the right is a search bar with a placeholder 'type your search query...' and a 'Search' button. A large table below lists member details: Name, Surname, Street, City, County, and E-mail. The table contains 15 entries. At the bottom, there are buttons for 'View Order History' (highlighted with a red circle and arrow) and 'Log Out' (highlighted with a red circle and arrow).

D	Name	Surname	Street	City	County	E-mail
1	Harry	Jenkins	14 Ballinteer	Dundrum	Dublin	HJenkins@gmail.com
2	Louis	Morris	28 Main Street	Naas	Kildare	LMorris@hotmail.com
3	Betty	Thompson	16 Main Street	Kilbride	Wicklow	BettyT123@yahoo.co.uk
4	Lori	Baker	202 Cherrywood	Clondalkin	Dublin	LBaker@gmail.com
5	Daniel	Henderson	29 Jobstown	Tallaght	Dublin	DanHendo@hotmail.com
6	Kathleen	Perry	98 Springfield	Tallaght	Dublin	KatPerry@yahoo.co.uk
7	Alan	Stewart	132 Church Road	Leixlip	Kildare	A.Stewart@hotmail.com
8	Steve	Adams	187 Magna Park	Citywest	Dublin	sAdams@gmail.com
9	Sean	Green	78 Corbally Downs	Crumlin	Dublin	S.Green@aol.com
10	Ellen	Malone	45 Forest Hills	Swords	Dublin	Emalone@gmail.com
11	Greg	David	14 The Lane	Rathmines	Dublin	gDavid@hotmail.com
12	Barry	George	12 Fettercairn	Tallaght	Dublin	bGeorge@hotmail.com
13	Marie	Harris	2A The Glen	Newcastle	Dublin	MarieH@yahoo.co.uk
14	Brendan	Wilkinson	41 Forest Hills	Citywest	Dublin	BWilk142@gmail.com
15	Aoife	Reilly	156 Stoney Lane	Lucan	Dublin	AReilly156@hotmail.com

DGA Computers provides a facility to manage registered members in the “Members” section of Administration.

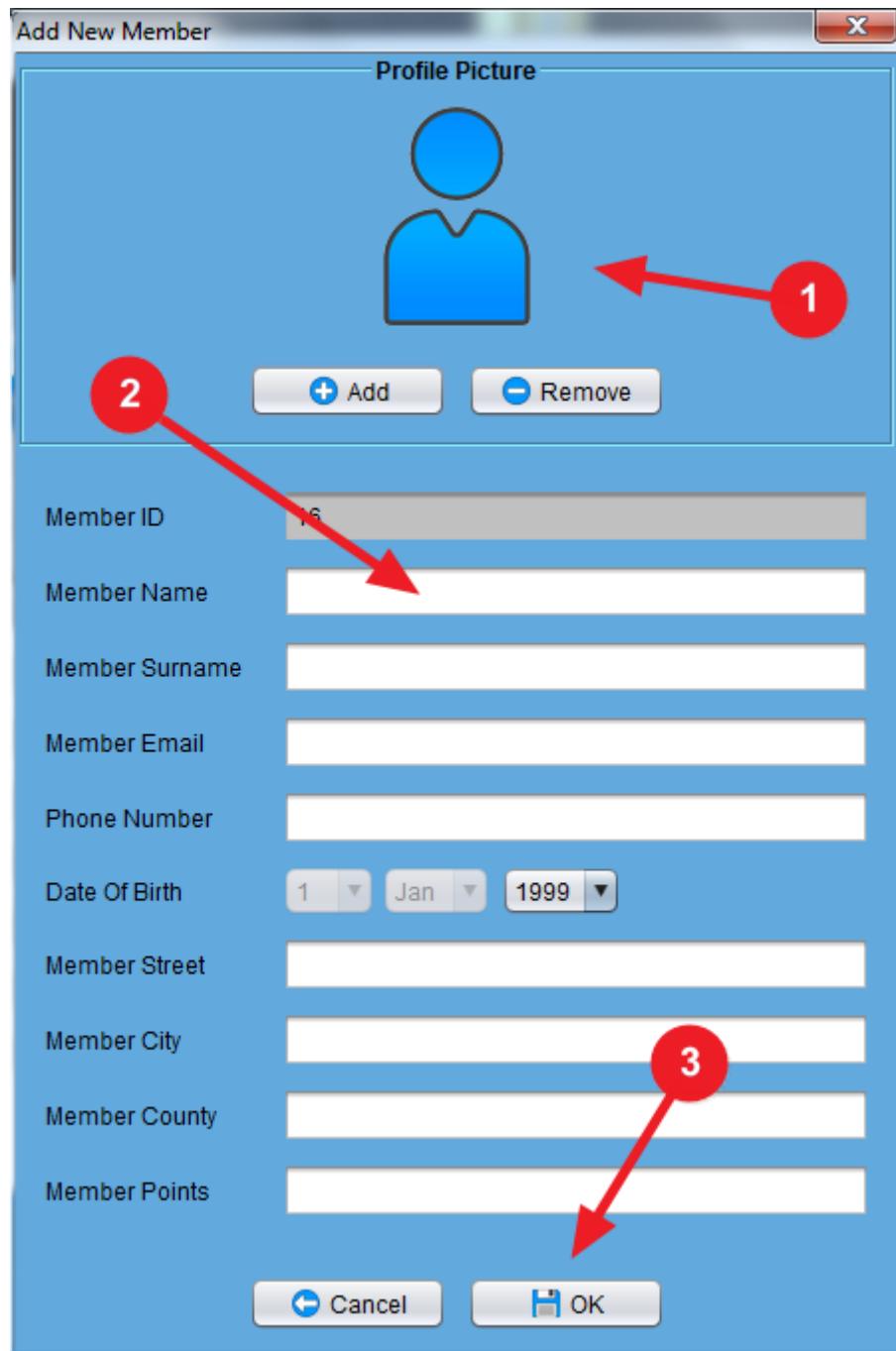
1. It is possible to add, update, or delete existing members.
2. You can search for a member.
3. The main tableau provides a list of all the members that have been registered.
4. An order history of a member can be viewed by clicking the “View Order History” button.

Add Member

The screenshot shows the 'DGA Administration' application window. At the top, there's a menu bar with 'File', 'Manage', and 'Help'. Below the menu is a large logo for 'DGA COMPUTERS'. A red circle with the number '1' is drawn over the 'Members' button in the top navigation bar. The main area has two tabs: 'Manage Members' (selected) and 'Search Members'. Under 'Manage Members', there are buttons for '+ Add', 'Edit', and 'Delete'. To the right is a search bar with a placeholder 'type your search query...' and a 'Search' button. Below these are two tables: 'Manage Members' and 'Search Members'. The 'Manage Members' table contains 15 rows of data, each with columns for ID, Name, Surname, Street, City, County, and E-mail. The 'Search Members' table is currently empty. At the bottom of the screen are 'View Order History' and 'Log Out' buttons.

ID	Name	Surname	Street	City	County	E-mail
1	Harry	Jenkins	14 Ballinter	Dundrum	Dublin	HJenkins@gmail.com
2	Louis	Morris	28 Main Street	Naas	Kildare	LMorris@hotmail.com
3	Betty	Thompson	16 Main Street	Kilbride	Wicklow	BettyT123@yahoo.co.uk
4	Lori	Baker	202 Cherrywood	Clondalkin	Dublin	LBaker@gmail.com
5	Daniel	Henderson	29 Jobstown	Tallaght	Dublin	DanHendo@hotmail.com
6	Kathleen	Perry	98 Springfield	Tallaght	Dublin	KatPerry@yahoo.co.uk
7	Alan	Stewart	132 Church Road	Leixlip	Kildare	A.Stewart@hotmail.com
8	Steve	Adams	187 Magna Park	Citywest	Dublin	sAdams@gmail.com
9	Sean	Green	78 Corbally Downs	Crumlin	Dublin	S.Green@aol.com
10	Ellen	Malone	45 Forest Hills	Swords	Dublin	Emalone@gmail.com
11	Greg	David	14 The Lane	Rathmines	Dublin	gDavid@hotmail.com
12	Barry	George	12 Fettercairn	Tallaght	Dublin	bGeorge@hotmail.com
13	Marie	Harris	2A The Glen	Newcastle	Dublin	MarieH@yahoo.co.uk
14	Brendan	Wilkinson	41 Forest Hills	Citywest	Dublin	BWilk142@gmail.com
15	Aoife	Reilly	156 Stoney Lane	Lucan	Dublin	AReilly156@hotmail.com

In order to add a new member, click the "Add"(1) button.



After clicking the “Add” button, a new window opens up for adding a member.

1. Select an image for the member.
2. Fill out the fields, select the member’s birthday.
3. Click “OK” button to confirm and save the new member.

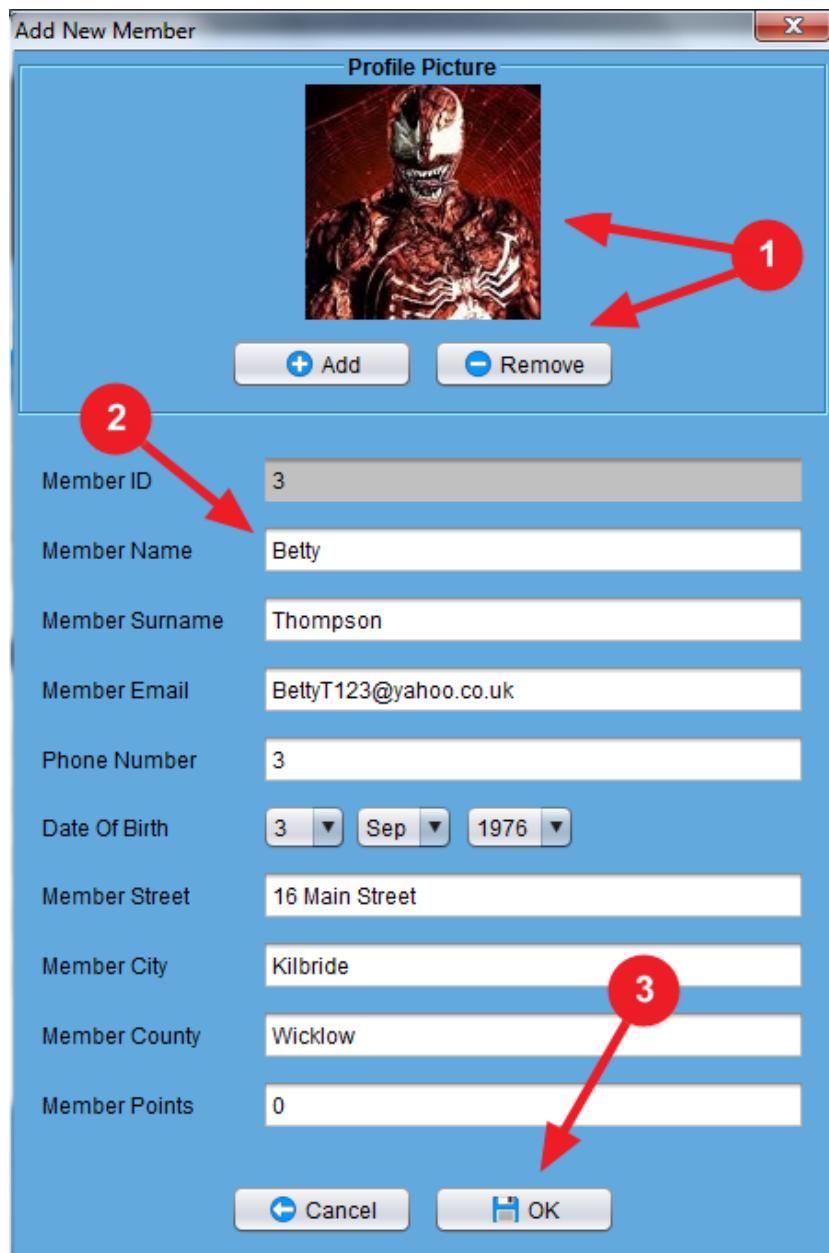
Edit Member

The screenshot shows the 'DGA Administration' software interface. At the top, there's a menu bar with 'File', 'Manage', and 'Help'. Below the menu is a logo for 'DGA COMPUTERS' with a blue and silver metallic effect. A red arrow points from a circled '2' to the 'Members' tab in the top navigation bar. Another red arrow points from a circled '1' to the 'Edit' button in the 'Manage Members' section of the main content area. The 'Search Members' section includes a search bar with placeholder text 'type your search query...' and a 'Search' button.

ID	Name	Surname	Street	City	County	E-mail
1	Harry	Jenkins	14 Ballinter	Dundrum	Dublin	HJenkins@gmail.com
2	Louis	Morris	28 Main Street	Naas	Kildare	LMorris@hotmail.com
3	Betty	Thompson	16 Main Street	Kilbride	Wicklow	BettyT123@yahoo.co.uk
4	Lori	Baker	202 Cherrywood	Clondalkin	Dublin	LBaker@gmail.com
5	Daniel	Henderson	29 Jobstown	Tallaght	Dublin	DanHendo@hotmail.com
6	Kathleen	Perry	98 Springfield	Tallaght	Dublin	KatPerry@yahoo.co.uk
7	Alan	Stewart	132 Church Road	Leixlip	Kildare	A.Stewart@hotmail.com
8	Steve	Adams	187 Magna Park	Clywest	Dublin	sAdams@gmail.com
9	Sean	Green	78 Corbally Downs	Clywest	Dublin	S.Green@aol.com
10	Ellen	Malone	45 Forest Hills	Swinford	Dublin	EMalone@gmail.com
11	Greg	David	14 The Lane	Rathmines	Dublin	gDavid@hotmail.com
12	Barry	George	12 Fettercairn	Tallaght	Dublin	bGeorge@hotmail.com
13	Marie	Harris	2A The Glen	Newcastle	Dublin	MarieH@yahoo.co.uk
14	Brendan	Wilkinson	41 Forest Hills	Citywest	Dublin	BWilk142@gmail.com
15	Aoife	Reilly	156 Stoney Lane	Lucan	Dublin	AReilly156@hotmail.com

To edit or update member information, select the desired employee in the tableau and then click the “Edit” button.

1. Select the member whose information you want to edit in the tableau.
2. Click “Edit” button to start editing the member information.



Once the “Edit” button is clicked, a window opens up with the member information populated.

1. Make the desired changes.
2. Add or remove the image.
3. Click “OK” to confirm changes and save the information.

Delete Member

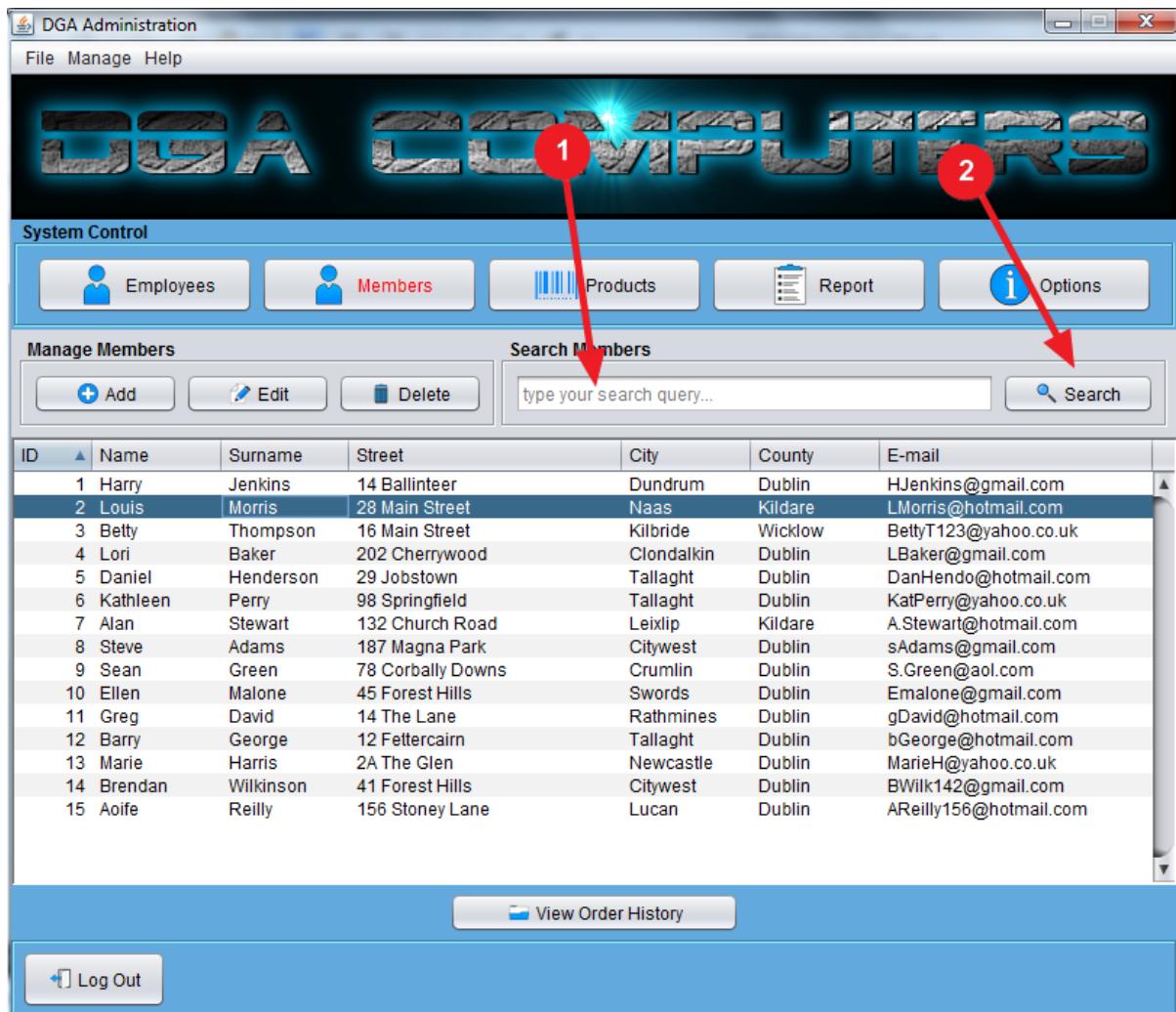
The screenshot shows the 'DGA Computers' administration interface. At the top, there's a menu bar with 'File', 'Manage', and 'Help'. Below the menu is a logo for 'DGA COMPUTERS'. A red circle labeled '2' is positioned above the 'Members' button in the top navigation bar. A red arrow points from this circle down to the 'Delete' button in the 'Manage Members' section of the main content area. Another red circle labeled '1' is placed over the second row of the member list, specifically over the 'Surname' column entry 'Morris'. A red arrow points from this circle to the same 'Delete' button. The 'Search Members' section includes a search input field and a 'Search' button. The 'Manage Members' table has columns for ID, Name, Surname, Street, City, County, and E-mail. The table contains 15 rows of member data.

ID	Name	Surname	Street	City	County	E-mail
1	Harry	Jenkins	14 Ballinteer	Dundrum	Dublin	HJenkins@gmail.com
2	Louis	Morris	28 Main Street	Naas	Kildare	LMorris@hotmail.com
3	Betty	Thompson	16 Main Street	Kilbride	Wicklow	BettyT123@yahoo.co.uk
4	Lori	Baker	202 Cherrywood	Clondalkin	Dublin	LBaker@gmail.com
5	Daniel	Henderson	29 Jobstown	Tallaght	Dublin	DanHendo@hotmail.com
6	Kathleen	Perry	98 Springfield	Tallaght	Dublin	KatPerry@yahoo.co.uk
7	Alan	Stewart	132 Church Road	Leixlip	Kildare	A.Stewart@hotmail.com
8	Steve	Adams	187 Magna Park	Clywest	Dublin	sAdams@gmail.com
9	Sean	Green	78 Corbally Downs	Clywest	Dublin	S.Green@aol.com
10	Ellen	Malone	45 Forest Hills	Swinford	Dublin	EMalone@gmail.com
11	Greg	David	14 The Lane	Rathmines	Dublin	gDavid@hotmail.com
12	Barry	George	12 Fettercairn	Tallaght	Dublin	bGeorge@hotmail.com
13	Marie	Harris	2A The Glen	Newcastle	Dublin	MarieH@yahoo.co.uk
14	Brendan	Wilkinson	41 Forest Hills	Citywest	Dublin	BWilk142@gmail.com
15	Aoife	Reilly	156 Stoney Lane	Lucan	Dublin	AReilly156@hotmail.com

In order to delete a member,

1. Select the member you wish to delete.
2. Click the “Delete” button. A confirmation dialog will pop-up asking you to confirm your actions. Click “Yes” to confirm and delete the member.

Search Member



To search for a member,

1. Type in the member name you are looking for.
2. Click the "Search" button.

View Order History

The screenshot shows the 'DGA Administration' software window. At the top, there's a menu bar with 'File', 'Manage', and 'Help'. Below the menu is a large logo for 'DGA COMPUTERS'. Underneath the logo is a 'System Control' bar with five buttons: 'Employees' (blue icon), 'Members' (red icon, currently selected), 'Products' (barcode icon), 'Report' (list icon), and 'Options' (info icon). The main area is divided into two sections: 'Manage Members' on the left and 'Search Members' on the right. The 'Manage Members' section contains a table with columns: ID, Name, Surname, Street, City, County, and E-mail. The 'Search Members' section has a search bar with placeholder text 'type your search query...' and a 'Search' button. A red arrow points from a circled '1' in the 'Search Members' section to the 'Members' button in the System Control bar. Another red arrow points from a circled '2' in the 'Manage Members' table to the 'View Order History' button at the bottom of the screen.

ID	Name	Surname	Street	City	County	E-mail
1	Harry	Jenkins	14 Ballinterfer	Dundrum	Dublin	HJenkins@gmail.com
2	Louis	Morris	28 Main Street	Naas	Kildare	LMorris@hotmail.com
3	Betty	Thompson	16 Main Street	Kilbride	Wicklow	BettyT123@yahoo.co.uk
4	Lori	Baker	202 Cherrywood	Clondalkin	Dublin	LBaker@gmail.com
5	Daniel	Henderson	29 Jobstown	Tallaght	Dublin	DanHendo@hotmail.com
6	Kathleen	Perry	98 Springfield	Tallaght	Dublin	KatPerry@yahoo.co.uk
7	Alan	Stewart	132 Church Road	Leixlip	Kildare	A.Stewart@hotmail.com
8	Steve	Adams	187 Magna Park	Citywest	Dublin	sAdams@gmail.com
9	Sean	Green	78 Corbally Downs	Cruddane	Dublin	S.Green@aol.com
10	Ellen	Malone	45 Forest Hills	Swords	Dublin	EMalone@gmail.com
11	Greg	David	14 The Lane	Rathmines	Dublin	gDavid@hotmail.com
12	Barry	George	12 Fettercairn	Tallaght	Dublin	bGeorge@hotmail.com
13	Marie	Harris	2A The Glen	Newcastle	Dublin	MarieH@yahoo.co.uk
14	Brendan	Wilkinson	41 Forest Hills	Citywest	Dublin	BWilk142@gmail.com
15	Aoife	Reilly	156 Stoney Lane	Lucan	Dublin	AReilly156@hotmail.com

You can view orders a member has placed by:

1. Select the member whose order history you would like to view.
2. Click the "View Order History" button.

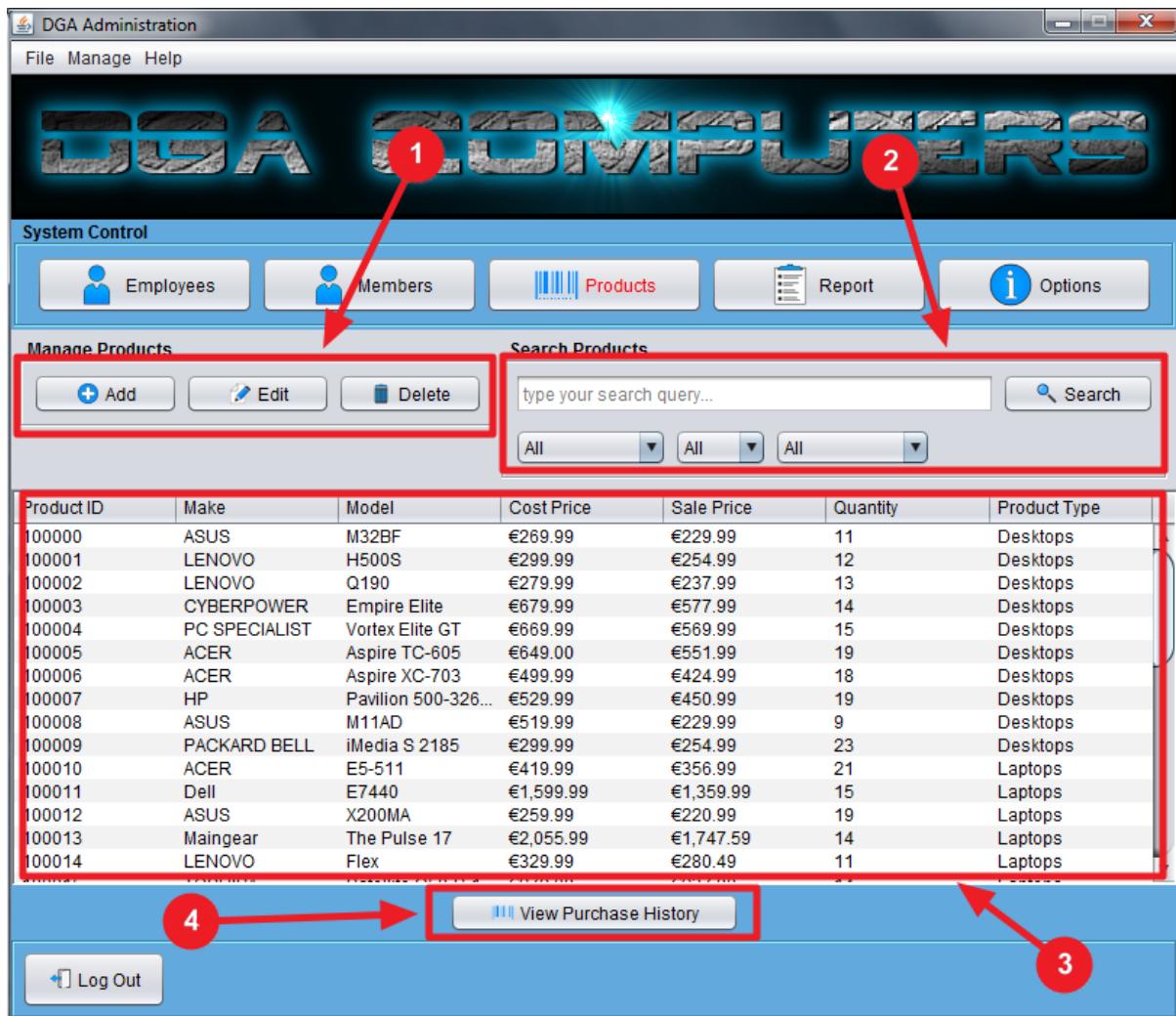
The screenshot shows a software application window titled "Member History". At the top, there is a search bar with the placeholder text "type in the order number..." and a "Search" button. Below the search bar is a table with the following data:

Sale ID	Sale Date	Make	Model	Quantity	Item Price	Total Paid
1	2015-02-09	ASUS	M32BF	1	269.99	2099.99

At the bottom of the window, there is a "Back" button.

Order History window provides information on the member activity by showing their orders over time and the products they have bought.

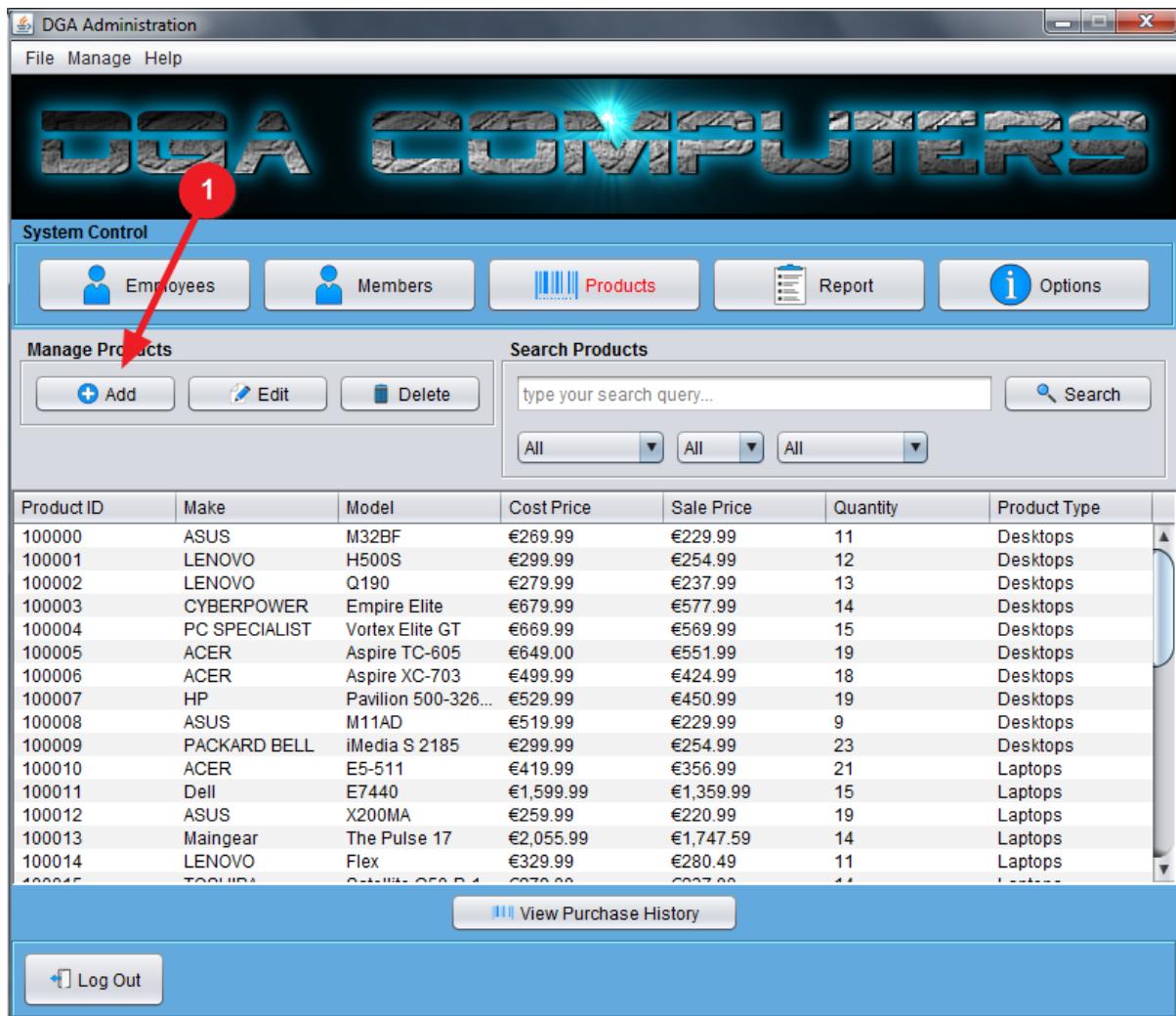
Manage Products



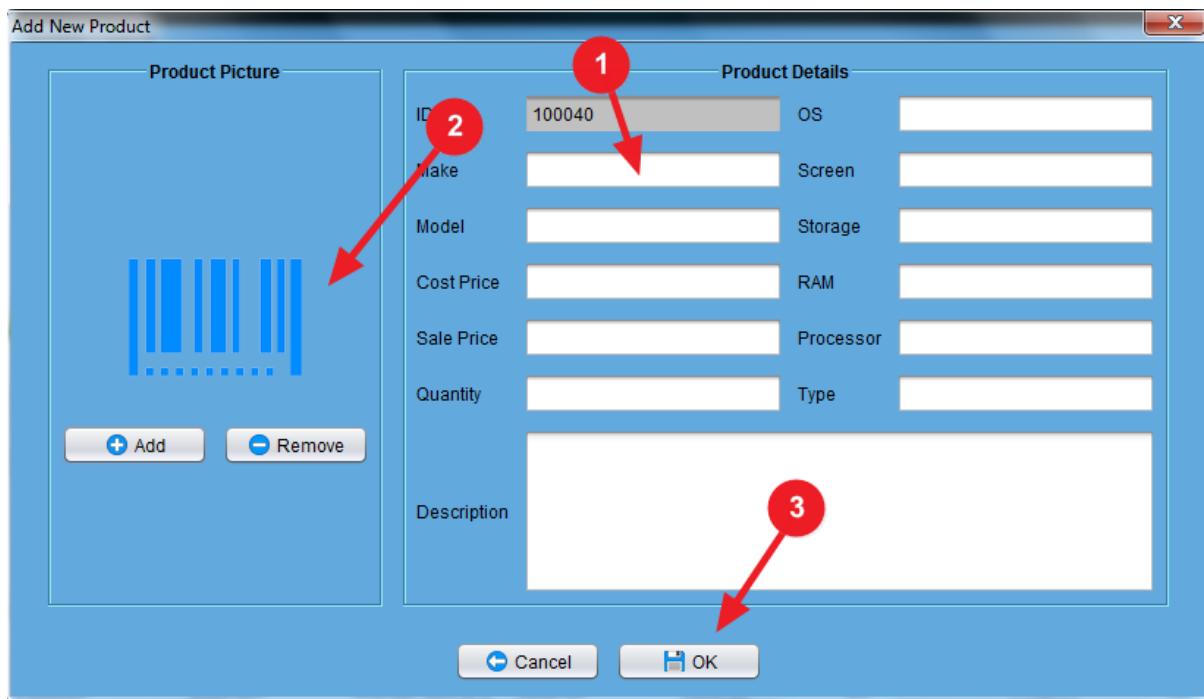
You can maintain your products list in the Products tab of the Administration window.

1. It is possible to add, update, or delete existing members.
2. You can search for a product.
3. The main tableau provides a list of all the products that have been added.
4. A purchase history of a product can be viewed by clicking the "View Purchase History" button.

Add Product



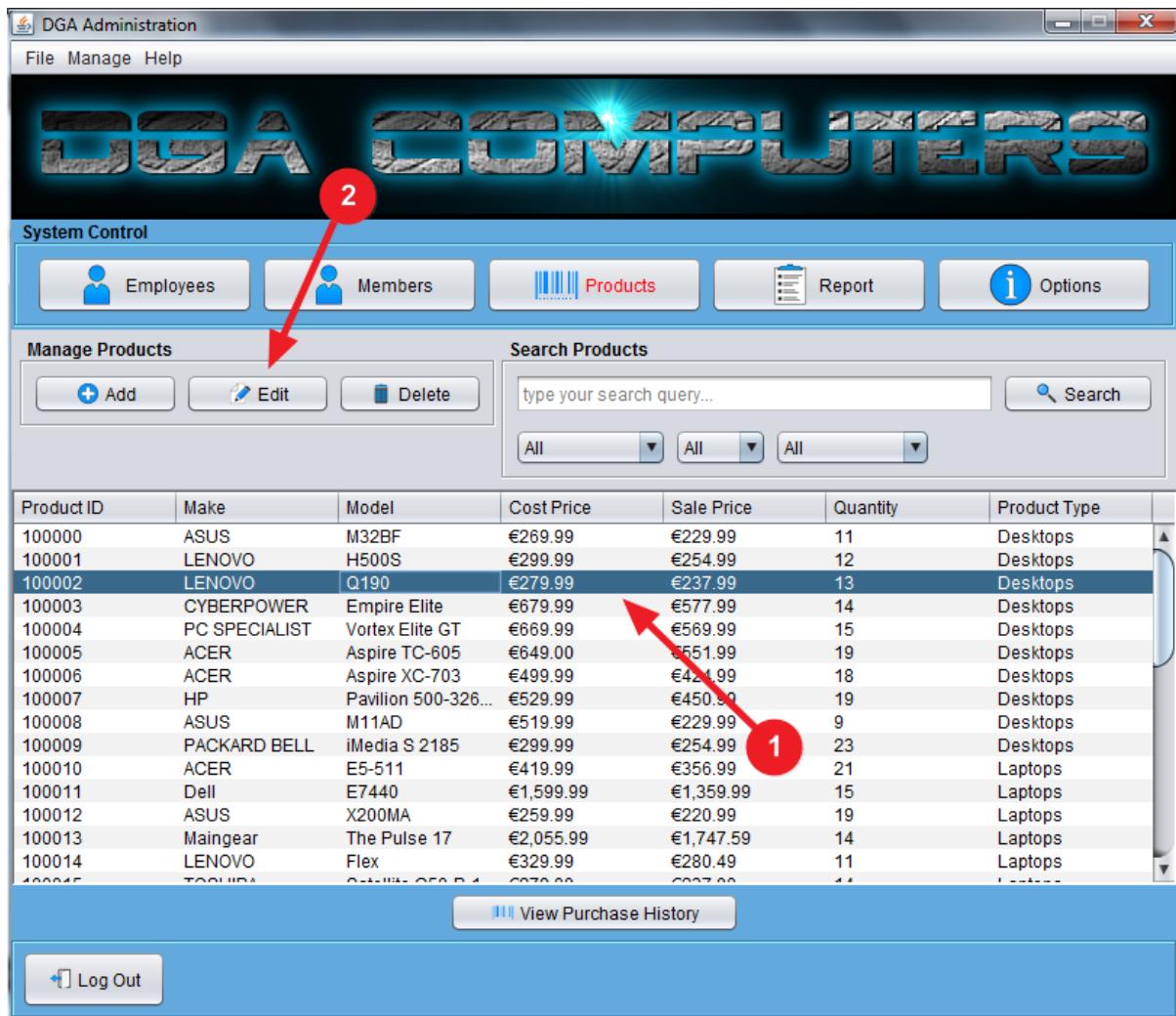
In order to add a new product to the database, click the "Add"(1) button.



After clicking the “Add” button, a new window opens up for adding a product.

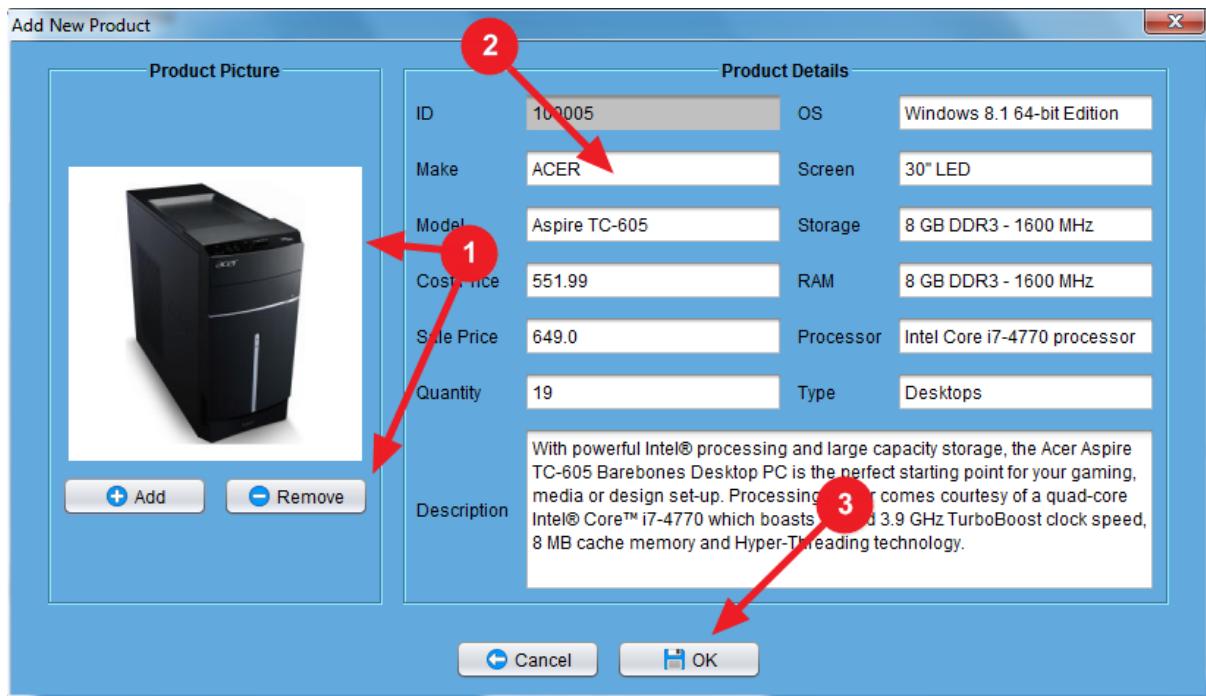
1. Select an image for the product.
2. Fill out the fields.
3. Click “OK” button to confirm and save the new product to the database.

Edit Product



To edit or update product information, select the desired product in the tableau and then click the “Edit” button.

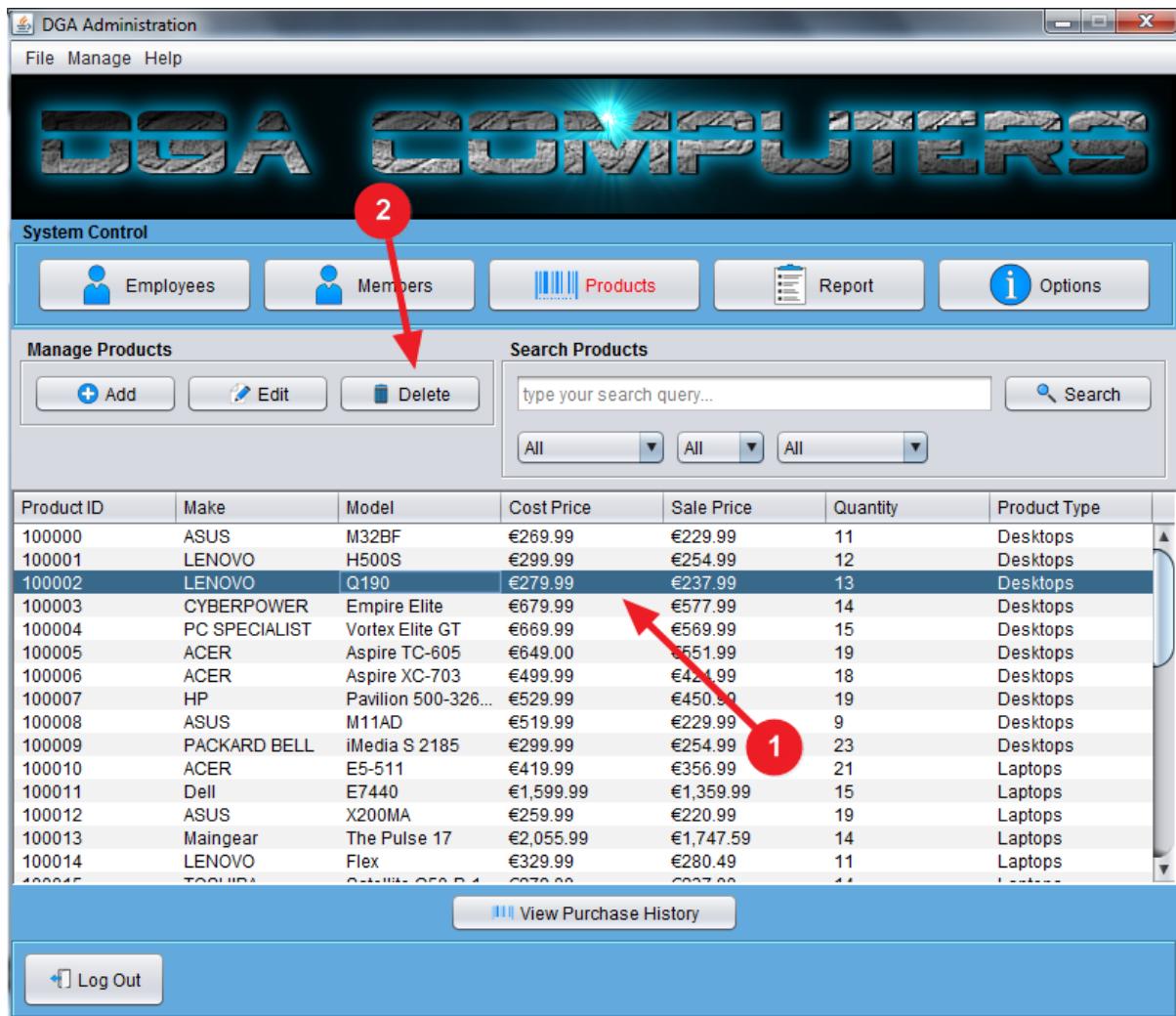
1. Select the product whose information you want to edit in the tableau.
2. Click “Edit” button to start editing the product information.



Once the “Edit” button is clicked, a window opens up with the product information already populated.

1. Make the desired changes.
2. Add or remove the image.
3. Click “OK” to confirm changes and save the information.

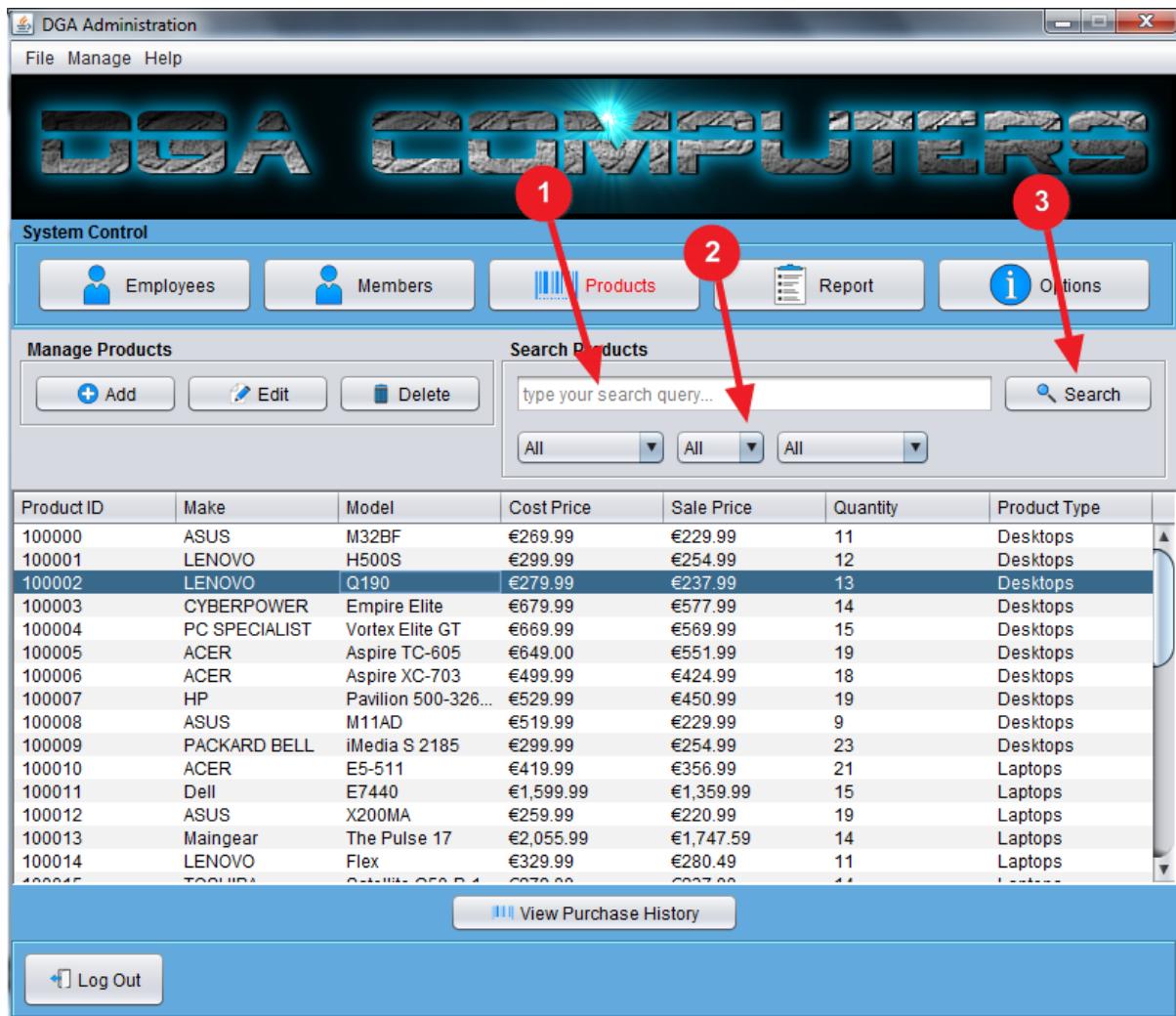
Delete Product



In order to delete a product,

1. Select the product you wish to delete.
2. Click the “Delete” button. A confirmation dialog will pop-up asking you to confirm your actions. Click “Yes” to confirm and delete the product.

Search Product



To search for a product,

1. Type in the product name you are looking for.
2. Additional filters can be applied.
3. Click the “Search” button.

View Purchase History

The screenshot shows the DGA Administration software interface. At the top, there's a menu bar with 'File', 'Manage', and 'Help'. Below the menu is a large logo for 'DGA COMPUTERS'. Underneath the logo is a 'System Control' bar with five buttons: 'Employees', 'Members', 'Products' (which is highlighted in red), 'Report', and 'Options'. The main area has two sections: 'Manage Products' on the left with 'Add', 'Edit', and 'Delete' buttons, and 'Search Products' on the right with a search bar and dropdown filters. Below these sections is a table of products:

Product ID	Make	Model	Cost Price	Sale Price	Quantity	Product Type
100000	ASUS	M32BF	€269.99	€229.99	11	Desktops
100001	LENOVO	H500S	€299.99	€254.99	12	Desktops
100002	LENOVO	Q190	€279.99	€237.99	13	Desktops
100003	CYBERPOWER	Empire Elite	€679.99	€577.99	14	Desktops
100004	PC SPECIALIST	Vortex Elite GT	€669.99	€569.99	15	Desktops
100005	ACER	Aspire TC-605	€649.00	€514.99	19	Desktops
100006	ACER	Aspire XC-703	€499.99	€424.99	18	Desktops
100007	HP	Pavilion 500-326...	€529.99	€450.99	19	Desktops
100008	ASUS	M11AD	€519.99	€229.99	9	Desktops
100009	PACKARD BELL	iMedia S 2185	€299.99	€254.99	23	Desktops
100010	ACER	E5-511	€419.99	€356.99	21	Laptops
100011	Dell	E7440	€1,599.99	€1,359.99	15	Laptops
100012	ASUS	X200MA	€259.99	€220.99	19	Laptops
100013	Maingear	The Pulse 17	€2,055.99	€1,747.59	14	Laptops
100014	LENOVO	Flex	€329.99	€280.49	11	Laptops
100015	TOUGHBOOK	CF-31WV-G50-B-1	€679.99	€527.99	11	Laptops

Two red arrows point from numbered circles to specific cells in the table: arrow 1 points to the 'Sale Price' column of the fourth row (product ID 100003), and arrow 2 points to the 'View Purchase History' button at the bottom of the page.

You can check how well the product has been selling by viewing its purchase history

1. Select the product whose purchase history you would like to view.
2. Click the "View Purchase History" button.

The screenshot shows a Windows application window titled "Product History". At the top, there is a search bar with the placeholder text "type in the order number..." and a "Search" button. Below the search bar is a table with the following data:

Sale ID	Sale Time	Sale Date	Employee Name	Member Name	Quantity
3	NULL	2015-02-02	Sonya Blade	Steve Adams	8

At the bottom left of the window is a "Back" button.

Product History window provides information on the product activity by showing their popularity based on number of orders placed over time.