

2016

User Documentation

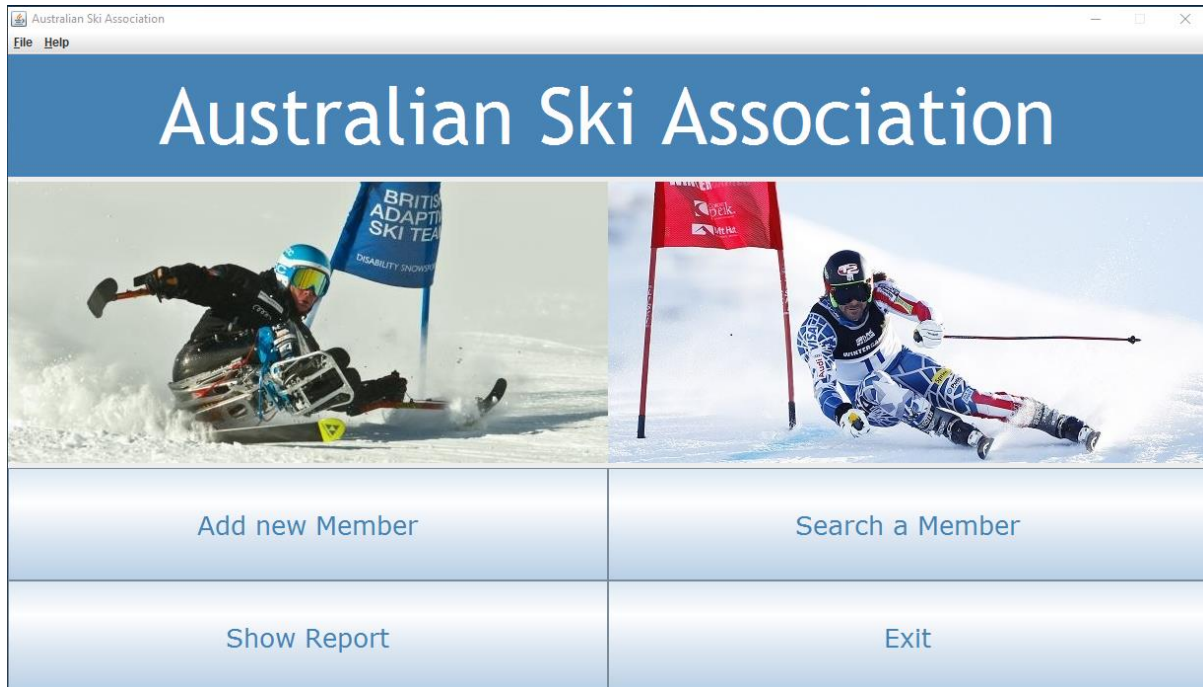
SKI MEMBER APPLICATION VERSION 1.0

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1 Main Menu frame

When you open the "Ski Member Application" you will be presented with the Main Menu frame shown below:



View 1 - Main Menu frame

The Main Menu frame presents you with four different buttons in the lower section of the frame with the titles:

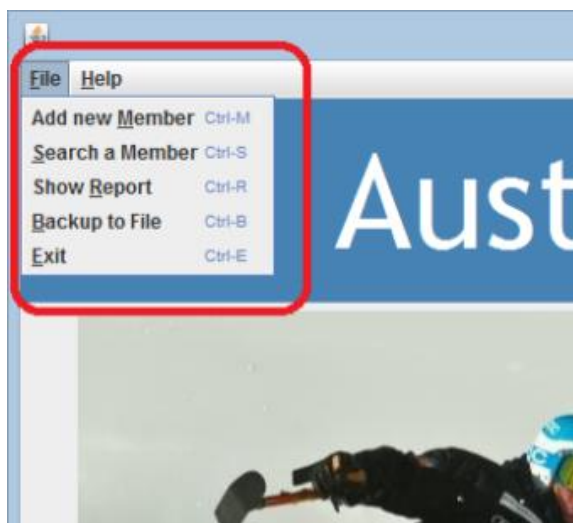
- Add new Member
- Search a Member
- Show Report
- Exit

You can also use the menu system in the top of the Main Menu frame either by clicking or using the keyboard shortcuts (Indicated with the underline):

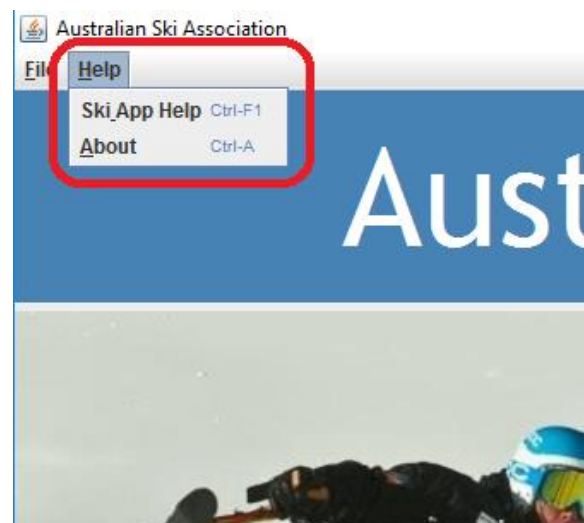
- File
- Help

Clicking each menu option will show a drop down with menu items.

- Clicking "File" will give you five menu items:
 - Add new Member (functionality equivalent to button)
 - Search a Member (functionality equivalent to button)
 - Show Report (functionality equivalent to button)
 - Backup to File
 - Exit (functionality equivalent to button)
- Clicking "About" will give you two menu items:
 - Ski App Help
 - About



View 2 - Menu option "File"



View 3 - Menu option "Help"

2 Add Member frame

To add a new member click the “Add new Member” button or menu item in Main menu frame.

Clicking the “Add new Member” button or menu item will present you with the Add Member frame shown below:

The screenshot shows a window titled "Add Member" with a blue header bar containing the text "Enter Member Details". The form is divided into two columns. The left column contains labels for various fields: "Membership type?", "Choose Team", "Member Id", "First name", "Last name", "Street number", "Street name", "Suburb", "Postcode", "Mobile", "Email", "Total Races", "Total Wins", and "Do you assist as front runner?". The right column contains the corresponding input fields: a radio button for "Abled skier" (selected) and "Disabled skier", a dropdown menu for "Choose Team" showing "1 Melbourne Ski Club", and text input fields for "Member Id" (containing "43"), "First name" (with a hint "2 - 20 characters (a-z)"), "Last name" (with a hint "2 - 30 characters (a-z), no spaces"), "Street number", "Street name" (with a hint "2 - 30 characters (a-z)"), "Suburb" (with a hint "2 - 30 characters (a-z)"), "Postcode" (with a hint "Exactly 4 digits, 1000-9999"), "Mobile" (with a hint "Exactly 10 digits"), "Email" (with a hint "Enter valid email (max 30 characters)"), "Total Races" (with a hint "Integer 0 - 99999"), and "Total Wins" (with a hint "Integer 0 - 99999, <= Total races"). At the bottom of the form is a checkbox labeled "Yes, I assist as front runner". At the bottom of the window are three buttons: "Add", "Clear", and "Back".

View 4 - Add Member frame

The Add Member frame presents you with a form and three different buttons in the lower section of the frame.

Button titles:

- Add
- Clear
- Back

The form contains radio buttons, check boxes, and select menu that you select, and text fields that you fill out with data about the member.

When hovering over components (not all) a tooltip will be displayed to guide you:

The screenshot shows a web application window titled "Add Member" with a sub-header "Enter Member Details". The form includes the following fields and options:

- Membership type?**: Radio buttons for "Able skier" (selected) and "Disabled skier".
- Choose Team**: A dropdown menu showing "1 Melbourne Ski Club".
- Member Id**: A text input field containing "43".
- First name**: A text input field with a placeholder "2 - 20 characters (a-z)".
- Last name**: A text input field with a placeholder "2 - 30 characters (a-z), no spaces".
- Street number**: A text input field.
- Street name**: A text input field with a placeholder "2 - 30 characters (a-z)".
- Suburb**: A text input field with a placeholder "Street name 2 - 30 characters (a-z)". This field is circled in red, and a tooltip is visible over it.
- Postcode**: A text input field with a placeholder "Exactly 4 digits, 1000-9999".
- Mobile**: A text input field with a placeholder "Exactly 10 digits".
- Email**: A text input field with a placeholder "Enter valid email (max 30 characters)".
- Total Races**: A text input field with a placeholder "Integer 0 - 99999".
- Total Wins**: A text input field with a placeholder "Integer 0 - 99999, <= Total races".
- Do you assist as front runner?**: A checkbox labeled "Yes, I assist as front runner".

At the bottom of the form are three buttons: "Add", "Clear", and "Back".

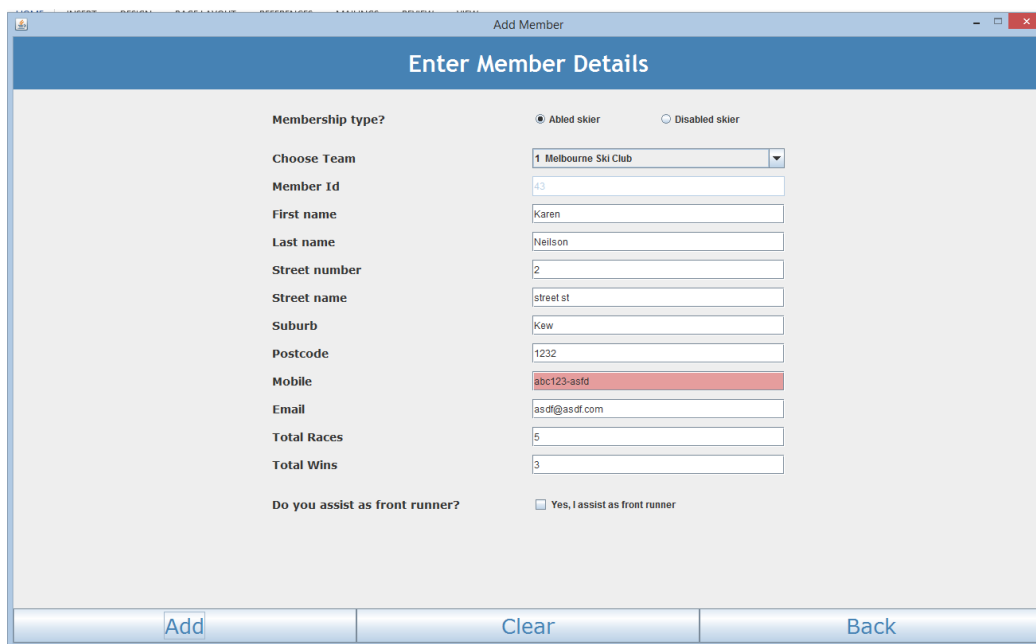
View 5 - Tooltip

You will also see ghosting (prewritten hints) in the text fields which will guide you.

When text fields are filled out and you have selected the adequate choices you press "Add" to add the member to the selected Team.

If input are correct data will be added to the database and you will be lead back to the Main menu frame.

If input data is invalid the text field containing invalid data will indicate with red colour:



The screenshot shows a window titled "Add Member" with a sub-header "Enter Member Details". The form contains the following fields and controls:

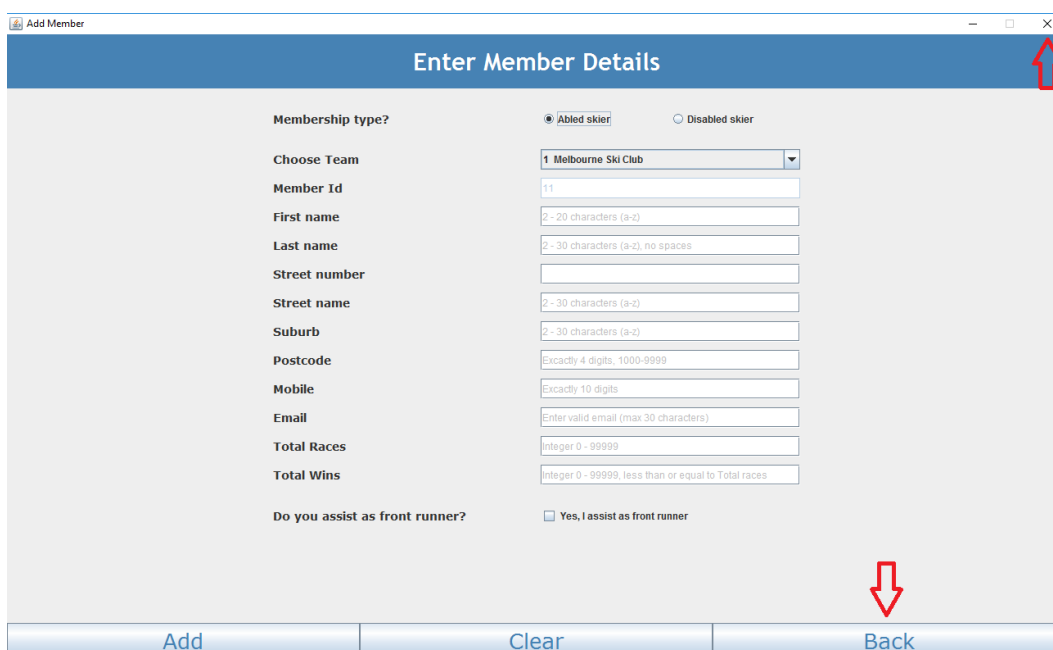
- Membership type?: ☒ Abled skier, ☐ Disabled skier
- Choose Team: 1 Melbourne Ski Club (dropdown)
- Member Id: 43
- First name: Karen
- Last name: Nelson
- Street number: 2
- Street name: street st
- Suburb: Kew
- Postcode: 1232
- Mobile: abc123-asfd (highlighted in red)
- Email: asdf@asdf.com
- Total Races: 5
- Total Wins: 3
- Do you assist as front runner?: ☐ Yes, I assist as front runner

At the bottom are three buttons: "Add", "Clear", and "Back".

View 6 - Invalid input leads to red text field

You can clear all text fields by clicking the "Clear" button.

Go back to Main Menu frame by clicking the "Back" button or clicking the X in the top right corner:



The screenshot shows the same "Add Member" window, but with validation rules displayed in the input fields. A red arrow points to the 'X' button in the top right corner, and another red arrow points to the "Back" button at the bottom right.

Validation rules shown in the fields:

- First name: 2 - 20 characters (a-z)
- Last name: 2 - 30 characters (a-z), no spaces
- Street number: 2 - 30 characters (a-z)
- Street name: 2 - 30 characters (a-z)
- Suburb: 2 - 30 characters (a-z)
- Postcode: Exactly 4 digits, 1000-9999
- Mobile: Exactly 10 digits
- Email: Enter valid email (max 30 characters)
- Total Races: Integer 0 - 99999
- Total Wins: Integer 0 - 99999, less than or equal to Total races

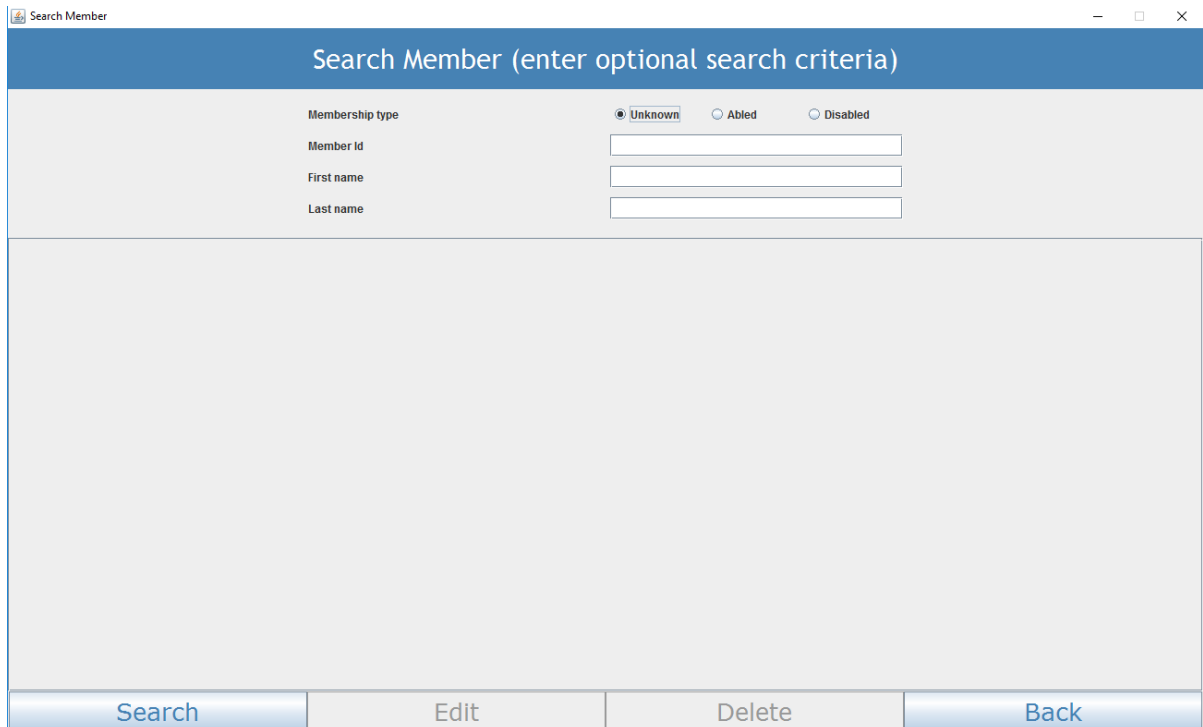
At the bottom are three buttons: "Add", "Clear", and "Back".

View 7 - Go back to Main Menu frame

3 Search Member frame

3.1 Navigate to Search Member frame

To search for member(s) click the "Search Member" button or menu item in Main menu frame. This will present you with the Search Member frame shown below:



The screenshot shows a web application window titled "Search Member". The window has a blue header bar with the text "Search Member (enter optional search criteria)". Below the header, there is a form with the following fields and controls:

- Membership type:** Three radio buttons labeled "Unknown", "Abled", and "Disabled". The "Unknown" button is selected.
- Member id:** A text input field.
- First name:** A text input field.
- Last name:** A text input field.

Below the form, there is a large, empty light gray rectangular area. At the bottom of the window, there is a blue bar containing four buttons: "Search", "Edit", "Delete", and "Back".

View 8 - Search Member frame

The Search Member frame presents you with a form and four different buttons in the lower section of the frame.

Button titles:

- Search
- Edit
- Delete
- Back

"Edit" and "Delete" buttons are disabled if there are zero search results shown.

3.2 Search member(s)

The form contains radio buttons, and text fields that you can either fill out with search criteria data or leave empty.

When text fields are filled out and you have selected radio button you press "Search" to search for member(s).

If search criteria is valid a search will be performed and the result shown below the form:

Search Member

Search Member (enter optional search criteria)

Membership type

☒ Unknown ☐ Able ☐ Disabled

Member id

First name

Last name

Id	Type	First name	Last name	Street no	Street name	Suburb	Postcode	Mobile	Email	Fee \$	Races	Wins	Win %	Is a
1	A	John	Smith	28	Auburn rd	Hawthorn	3122	0258842259	john_smith@mail.mail	130.0	0	0	0.00	Y
2	D	Adam	Ganzer	33	Burwood rd	Hawthorn	3122	0659842125	adam@yahoo.uk	195.0	6	3	50.00	N
3	A	Peter	Jackson	3	Wattletree st	Kew	1233	0123123123	some@email.com	300.0	5	2	40.00	N
4	A	John	Jackson	3	Wattletree st	Kew	1233	0123123123	some@email.com	300.0	5	2	40.00	N
5	A	Donna	Ericson	3	Wattletree st	Kew	1233	0123123123	some@email.com	300.0	5	2	40.00	N
6	A	Lach	Smith	3	Wattletree st	Kew	1233	0123123123	some@email.com	140.0	5	2	40.00	Y
7	D	Charles	Ganzer	33	Burwood rd	Hawthorn	3122	0659842125	adam@yahoo.uk	195.0	6	3	50.00	N
8	D	Karina	Ganzer	33	Burwood rd	Hawthorn	3122	0659842125	adam@yahoo.uk	105.0	6	3	50.00	N
9	A	Lola	Nelson	3	Wattletree st	Kew	1233	0123123123	some@email.com	300.0	5	2	40.00	N
10	A	Tessa	Smith	3	Wattletree st	Kew	1233	0123123123	some@email.com	300.0	5	2	40.00	N

Search

Edit

Delete

Back

View 9 - Search result shown

If search criteria is invalid an error message is displayed and the text field containing invalid data will indicate with red colour:

Search Member (enter optional search criteria)

Membership type ☒ Unknown ☐ Abled ☐ Disabled

Member Id

First name

Last name

ID	Type	First name	Last name	Street no	Street name	Suburb	Postcode	Mobile	Email	Fee \$	Races	Wins	Win %	Is d
1	A	John	Smith	28	Auburn rd	Hawthorn	3122	0258842259	john_smith@mail.mail	130.0	0	0	0.00	Y
2	D	Adam	Ganzer	33	Burwood rd	Hawthorn	3122	0659842125	adam@yahoo.uk	195.0	6	3	50.00	Y
3	A	Peter	Jackson	3	Wattletree st	Kew	1233	0123123123	some@email.com	300.0	5	2	40.00	N
4	A	John	Jackson	3	Wattletree st	Kew	1233	0123123123	some@email.com	300.0	5	2	40.00	N
5	A	Donna	Enicson	3	Wattletree st				some@email.com	300.0	5	2	40.00	N
6	A	Lach	Smith	3	Wattletree st				some@email.com	140.0	5	2	40.00	Y
7	D	Charles	Ganzer	33	Burwood rd				adam@yahoo.uk	195.0	6	3	50.00	
8	D	Karina	Ganzer	33	Burwood rd				adam@yahoo.uk	105.0	6	3	50.00	
9	A	Lola	Nelson	3	Wattletree st				some@email.com	300.0	5	2	40.00	N
10	A	Tessa	Smith	3	Wattletree st				some@email.com	300.0	5	2	40.00	N

Message
Invalid Id, please enter positive integer
OK

Search Edit Delete Back

View 10 - Invalid input for member id

3.3 Delete a member

You can click on a row in the result table and then click “Delete” button to delete the member. You will be asked to confirm in a pop up box:

The screenshot shows a web application window titled "Search Member (enter optional search criteria)". It features search filters for Membership type (Unknown, Abled, Disabled), Member Id, First name, and Last name. Below these is a table of member records. A confirmation dialog box is overlaid on the table, asking "Are you sure you want to delete?" with "Yes" and "No" buttons. The dialog is positioned over the row for member ID 7, Charles Ganzer.

ID	Type	First name	Last name	Street no	Street name	Suburb	Postcode	Mobile	Email	Fee \$	Races	Wins	Win %	Is a
1	A	John	Smith	28	Auburn rd	Hawthorn	3122	0258842259	john_smith@mail.mail	130.0	0	0	0.00	Y
2	D	Adam	Ganzer	33	Burwood rd	Hawthorn	3122	0659842125	adam@yahoo.uk	195.0	6	3	50.00	
3	A	Peter	Jackson	3	Wattletree st	Kew	1233	0123123123	some@email.com	300.0	5	2	40.00	N
4	A	John	Jackson	3	Wattletree st	Kew	1233	0123123123	some@email.com	300.0	5	2	40.00	N
5	A	Donna	Ericson	3	Wattletree st				some@email.com	300.0	5	2	40.00	N
6	A	Lach	Smith	3	Wattletree st				some@email.com	140.0	5	2	40.00	Y
7	D	Charles	Ganzer	33	Burwood rd				adam@yahoo.uk	195.0	6	3	50.00	
8	D	Karina	Ganzer	33	Burwood rd				adam@yahoo.uk	105.0	6	3	50.00	
9	A	Lola	Nelson	3	Wattletree st				some@email.com	300.0	5	2	40.00	N
10	A	Tessa	Smith	3	Wattletree st				some@email.com	300.0	5	2	40.00	N

Buttons at the bottom: Search, Edit, Delete, Back.

View 11 - Deletion confirmation box

You can click on a row in the result table and then click “Edit” button to edit the member details. You will be lead to a different view (See later).

You can go back to Main Menu frame by clicking the “Back” button.

4 Edit Member frame

4.1 Navigate to Edit Member frame

To edit a member's details you have to click the "Edit" button in Search Member frame. Clicking the "Edit" button will present you with the Edit Member frame shown below:

The screenshot shows a web browser window titled "Edit Member". The main heading is "Edit Member Details". The form contains the following fields and options:

- Membership type?**: Radio buttons for ☐ Abled skier and ☒ Disabled skier.
- Choose Team**: A dropdown menu showing "1 Melbourne Ski Club".
- Member Id**: A text input field containing "7".
- First name**: A text input field containing "Charles".
- Last name**: A text input field containing "Ganzer".
- Street number**: A text input field containing "33".
- Street name**: A text input field containing "Burwood rd".
- Suburb**: A text input field containing "Hawthorn".
- Postcode**: A text input field containing "3122".
- Mobile**: A text input field containing "0659842125".
- Email**: A text input field containing "adam@yahoo.uk".
- Total Races**: A text input field containing "6".
- Total Wins**: A text input field containing "3".
- Choose disability category**: Radio buttons for ☐ Standing, ☒ Sitting, and ☐ Visual.

At the bottom of the form are three buttons: "Save", "Clear", and "Back".

View 12 - Edit Member frame

The form is pre filled with the details for the specific member you are about to edit.

4.2 Edit member

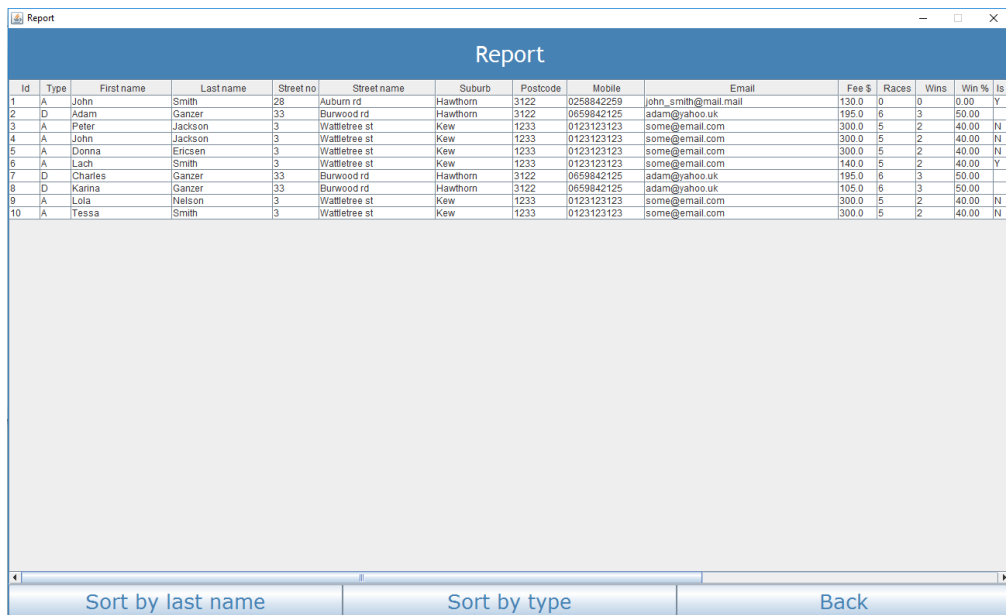
The procedure is the same as for "Add a Member" (please refer "Add Member frame" page 4).

Press "Save" button to save the changes.

5 Show Report frame

To see report of all Members click the “Show Report” button or menu item in the Main Menu frame.

Clicking the “Show Report” button or menu item will present you with the Report frame shown below:



Id	Type	First name	Last name	Street no	Street name	Suburb	Postcode	Mobile	Email	Fee \$	Races	Wins	Win %	Is c
1	A	John	Smith	28	Auburn rd	Hawthorn	3122	0258942259	john.smith@mail.mail	130.0	0	0	0.00	Y
2	D	Adam	Ganzer	33	Burwood rd	Hawthorn	3122	0659842125	adam@yahoo.uk	195.0	6	3	50.00	
3	A	Peter	Jackson	3	Wallietree st	Kew	1233	0123123123	some@email.com	300.0	5	2	40.00	N
4	A	John	Jackson	3	Wallietree st	Kew	1233	0123123123	some@email.com	300.0	5	2	40.00	N
5	A	Donna	Ericson	3	Wallietree st	Kew	1233	0123123123	some@email.com	300.0	5	2	40.00	N
6	A	Ladi	Smith	3	Wallietree st	Kew	1233	0123123123	some@email.com	140.0	5	2	40.00	Y
7	D	Charles	Ganzer	33	Burwood rd	Hawthorn	3122	0659842125	adam@yahoo.uk	195.0	6	3	50.00	
8	D	Karina	Ganzer	33	Burwood rd	Hawthorn	3122	0659842125	adam@yahoo.uk	105.0	6	3	50.00	
9	A	Lola	Nelson	3	Wallietree st	Kew	1233	0123123123	some@email.com	300.0	5	2	40.00	N
10	A	Tessa	Smith	3	Wallietree st	Kew	1233	0123123123	some@email.com	300.0	5	2	40.00	N

Sort by last name Sort by type Back

View 13 – Report frame

The Report frame presents you with a table containing ALL members in the system, and three different buttons in the lower section of the frame.

Button titles:

- Sort by last name
- Sort by type
- Back

5.1 Sort by last name

To see all members sorted alphabetically by last name click “Sort by last name” button.

5.2 Sort by type

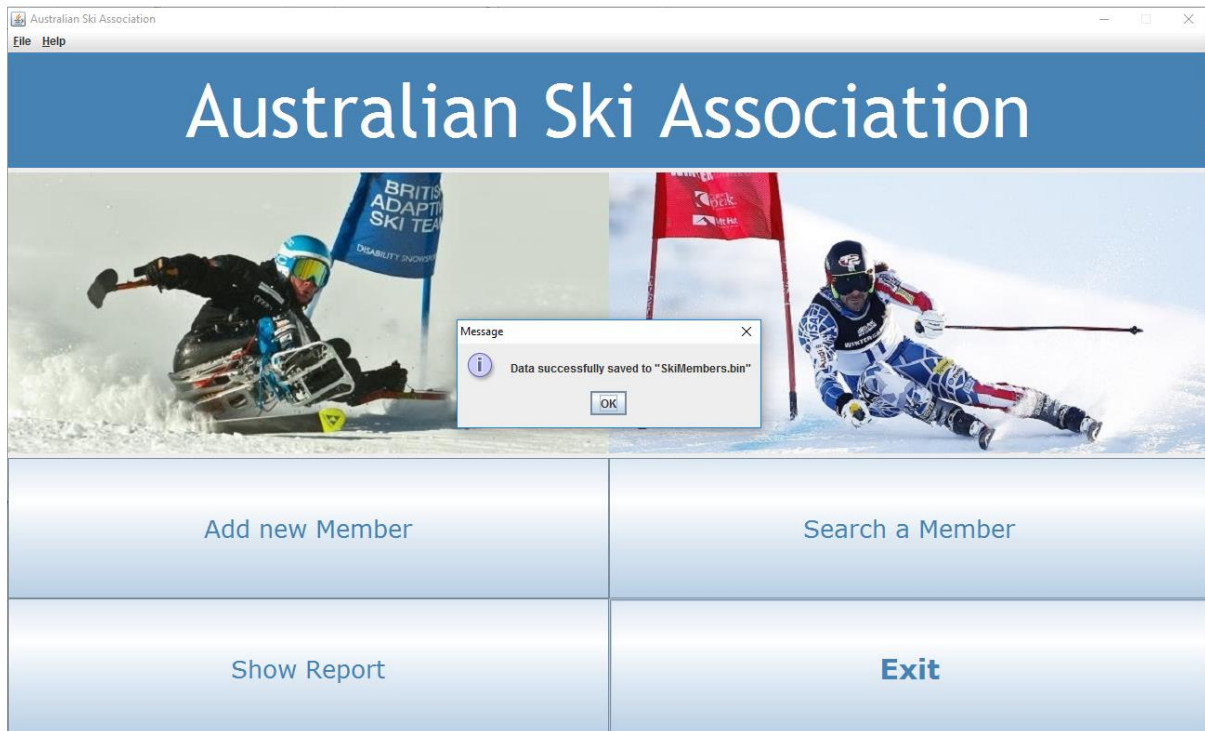
To see all members sorted by membership type (A vs. D) “Sort by type” button.

6 Exit application

To exit the application press one of the following:

- "Exit" button in the Main Menu frame
- The X in the top right corner
- Exit in the Menu in the top of the frame

You will be presented with a message that data has been saved to file; press ok:

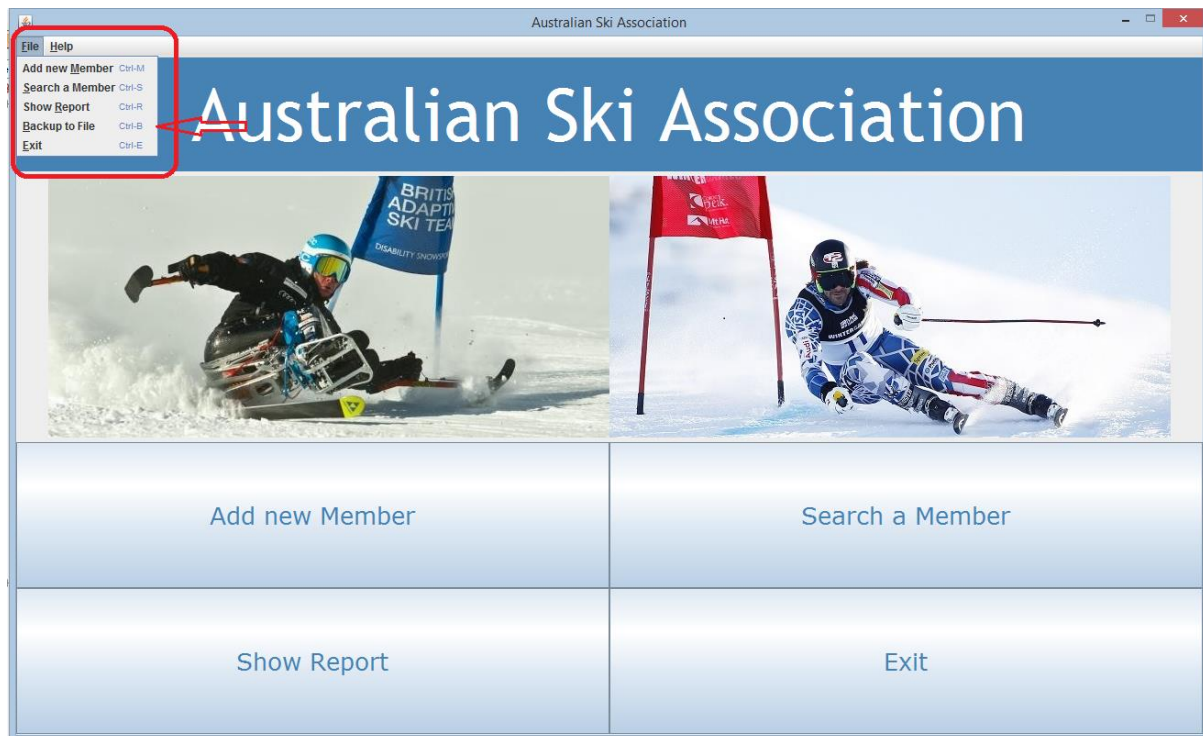


View 14 - View for exiting application

7 Back up to file

Every time you exit the application the data automatically will be saved to file.

- You can also choose to back up without exiting the application by clicking the menu item "Backup to File".



View 15 - Backup to File