# Main Menu

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| --- | --- | --- | --- |
| Testing | How it was tested | Expected result | Actual result |
| Layout and interface of main menu | Executing program | * Banner displayed * Buttons aligned in grid pattern * Title displayed under banner in large font * MenuBar at top of window | Yes |
| Buttons open their corresponding windows | Executing program and clicking each button | Corresponding window opens | Yes |
| Exit button closes program correctly | Clicking the X button | Program exists | Yes |
| Loading database from file | Clicking “Load from File…” option in the menu bar | The database is restored from the binary file | Yes |
| Saving database to file | Clicking “Backup Database…” option in the menu bar | A binary file is created from the database information | Yes |

# Add Guild

|  |  |  |  |
| --- | --- | --- | --- |
| Testing | How it was tested | Expected result | Actual result |
| The guild name must be at least 3 characters long | Entering 2 characters or less into the Guild Name field | Warning text should appear, and the Guild should not be entered into the database | Yes |
| The guild name must not contain special characters | Entering special characters into the Guild Name field | Warning text should appear, and the Guild should not be entered into the database |  |
| A region must be selected | Clicking “Save Guild” before selecting a region | Warning text should appear, and the Guild should not be entered into the database | Yes |
| A data center must be selected | Clicking “Save Guild” before selecting a data center | Warning text should appear, and the Guild should not be entered into the database | Yes |
| A server must be selected | Clicking “Save Guild” before selecting a server | Warning text should appear, and the Guild should not be entered into the database | Yes |

# View Guilds

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| --- | --- | --- | --- |
| Testing | How it was tested | Expected result | Actual result |
| Members for the current guild are displayed | Loading View Guilds and selecting a Guild | Members for the guild should be displayed, or no members if there are none | Yes |
| The edit and delete buttons are enabled if a row is selected | Selected a row from the results | The edit and delete buttons should be enabled | Yes |
| Clicking the edit button brings up the edit page with the information prefilled | Selected a row and clicked Edit | A new form should appear with fields to edit the Member, and information prefilled | Yes |
| Clicking delete shows a confirmation dialog, and deletes member when confirmed | Selected a row, clicked Delete and confirmed | Member should be deleted from the database and a dialog should appear informing of success | Yes |
| Clicking the exit button or the cancel button closes the window | Clicking the X or the Cancel button | The window should close | Yes |

# Search for Member

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| --- | --- | --- | --- |
| Testing | How it was tested | Expected result | Actual result |
| The first name must not contain special characters | Entering special characters into the First Name field | Warning text should appear | Yes |
| The first name must not exceed 20 characters | Entered 21 characters into the First Name field | Warning text should appear |  |
| Clicking the edit button brings up the edit page with the information prefilled | Selected a row and clicked Edit | A new form should appear with fields to edit the Member, and information prefilled | Yes |
| Clicking delete shows a confirmation dialog, and deletes member when confirmed | Selected a row, clicked Delete and confirmed | Member should be deleted from the database and a dialog should appear informing of success | Yes |
| Clicking the exit button or the cancel button closes the window | Clicking the X or the Cancel button | The window should close | Yes |
| Clicking search searches for a member based on the information inputted | Clicking the search button after inputting information | Table should be populated with results, or if no results, shows a popup saying so | Yes |

# Add Member/Edit Member

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Testing | | How it was tested | | | Expected result | | Actual result | |
| Member specific fields are shown/hidden when toggling the player/staff radio buttons | | Clicking Player or Staff radio button | | | Member specific fields should appear/disappear | | Yes | |
| The first name must not contain special characters | | Entering special characters into the First Name field | | | Warning text should appear | | Yes | |
| The first name must not exceed 20 characters | | Entered 31 characters into the First Name field | | | Warning text should appear | | Yes | |
| The first name must be at least 1 character long | | Left First Name field blank | | | Warning text should appear | | Yes | |
| The last name must not contain special characters | | Entering special characters into the First Name field | | | Warning text should appear | | Yes | |
| The last name must not exceed 30 characters | | Entered 31 characters into the First Name field | | | Warning text should appear | | Yes | |
| The last name must be at least 2 character long | | Entered 1 character or left Last Name blank | | | Warning text should appear | | Yes | |
| The character name must not contain special characters | | Entering special characters into the Character Name field | | | Warning text should appear | | Yes | |
| The character name must not exceed 50 characters | | Entered 51 characters into the First Name field | | | Warning text should appear | | Yes | |
| The last name must be at least 1 character long | | Left Character Name field blank | | | Warning text should appear | | Yes | |
| + button opens Add Guild window | | Clicked + button | | | Add Guild window should appear | | Yes | |
| A region must be selected | Clicking “Save Guild” before selecting a region | | Warning text should appear, and the Member should not be entered into the database | | | Yes | |
| A data center must be selected | Clicking “Save Guild” before selecting a data center | | Warning text should appear, and the Member should not be entered into the database | | | Yes | |
| A server must be selected | Clicking “Save Guild” before selecting a server | | Warning text should appear, and the Member should not be entered into the database | | | Yes | |
| A class must be selected if the member is a player | | Left class checkboxes blank | | Warning text should appear, and the Member should not be entered into the database | | | Yes | |
| Clicking Save Member adds a member if all fields are validated | | Inputted valid information into all fields and clicked “Save Member” | | Member should be added to database and a messagebox should pop up confirming this | | | Yes | |
| Clicking Cancel or X exits window | | Click cancel or X | | Window should close | | | Yes | |