Testing for Assignment 1 – Peter Wisener Sean Carlin

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| **#** | **Testing** | **Expected** | **Outcome** |
| **Images have been minimized so everything can be eligible and aesthetic.** | | | |
| **Navigation Pane** | | | |
|  | Add Tab | Add tab gets displayed | As Expected |
|  | Edit tab | Edit tab gets displayed | As Expected |
|  | Delete tab | Delete tab gets displayed | As Expected |
|  | Display tab | Display tab gets displayed | As Expected |
|  | Allocate tab | Allocate tab gets displayed | As Expected |
|  | Exit button | Exits the program | As Expected |
| **Add Section** | | | |
|  | Text fields | User can input all text fields (excluding Grades added, UCAS Points & DOA) | As Expected |
|  | DOA Text Field | DOA should be set automatically |  |
|  | Exam Board Combo Box | Displays all Exam boards | As Expected |
|  | Grade Combo Box | Displays all applicable grades for the chosen exam board | As Expected |
|  | Selected item from a Grade Combo Box | Sets the correct amount of ucas points in the ucas points text field. | As Expected |
|  | # Of grades added Text field | Counts the correct amount of grades entered by the user | As Expected |
|  | Add another qualification button | Adds another qualification resetting the combo boxes and adding the ucas points to a total. | As Expected |
|  | Reset application button | Resets the add applicant section | As Expected |
|  | Submit application button | Submits the application with the properties given by the user from the components. | As Expected |
|  | Applications Left Counter | Removes one every time a successful application has been submitted.(does the same for applicants being removed) | As Expected |
|  | Warning message  (same for edit section) | If the applicant enters less than 3 qualifications they get a warning message |  |
|  | Add new application button | Resets the add applicant form and enables the user to add another applicant | As Expected |
|  | Name Validation  (same for edit section) | If an integer or foreign character is entered. Or characters less than 3, an error will popup and stop them from submitting until its fixed. |  |
|  | Telephone number validation  (same for edit section) | A number must be more than 6 characters and no foreign characters, if so, an error will stop the submission until fixed |  |
|  | Email validation  (same for edit section) | Applicant must enter a valid email with at least ‘@’ so its valid otherwise they will get an error preventing submission. |  |
|  | UCAS Points Validation  (same for edit section) | If the applicant enters less than 30 UCAS points, then they are immediately prevented from submission. |  |
|  | UCAS points validation  (same for edit section) | If a lucky applicant has more than 5000 UCAS points, then the system doesn’t recognise it and throws an error. |  |
|  | Add applicant display | Enables once someone has been added and updates from then onwards. | As Expected |
| **Edit section** | | | |
|  | Search method | The user enters a correct email to find their chosen applicant – will bring the chosen applicant up in the display. | As Expected |
|  | Find button  (same as delete section) | Will bring up a yes/no message if the correct email was entered  (if no then the form would reset) |  |
|  | Find button – error  (same as delete Section) | Will bring up an error if the entered email isn’t found |  |
|  | Find button – clicked  (same as delete Section) | If the email is found it will set the second display with the details from that chosen applicant |  |
|  | Cancel button  (same as delete section) | Cancels the whole method and sets everything back to default | As Expected |
|  | Edit Button | Becomes enabled/visible once the user clicks find and retrieves an email. | As Expected |
|  | Edit Button clicked | Brings up parts of the add section so the user can edit the chosen applicant |  |
|  | Edit Qualifications button | Will bring up a warning to the user when they try to edit the current qualifications |  |
|  | Edit Qualifications Error | If the user clicks the ‘cancel’ button on previous error it will bring up this info box |  |
|  | Update button | In the background code it will remove the current applicant and re-add them to the list with the updated properties and updating the display at the same time. | As expected |
|  | Delete student button | (using same search method as find section) Once the chosen applicant is correct, it will remove the applicant from the list. | As Expected |
| **Display Section** | | | |
|  | Display applications section | Once clicked it will display the current applications in the list by priority. |  |
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| **Allocate Section** | | | |
|  | Enter button | Takes the string from the text field and converts to an integer to set the number of places available for allocation, also sets it in the header text for the user to see. It then enables the ‘Allocate button’ |  |
|  | Allocate button | Allocate applicable applicants by setting their place confirmed to true and displaying them in the other display |  |
|  | No places left error | Displays an error once there are no places left for allocation |  |
|  | Taskbar | When clicked it will display three menu items with images beside them |  |
|  | Info menu item | When clicked it will display an information notepad in a separate window for the user to understand the program, they can also return to the program by clicking the return button. |  |
|  | Info Text File | If the info text file isn’t found on your computer/in the correct path it will throw up an error saying ‘Error, Text file not found’ | As Expected. |
|  | Help menu item | When clicked it will display the UCAS points calculator table in a separate window |  |
|  | Exit Menu item | When clicked it will exit the program | As Expected |
|  | Splash screen | A splash screen shows up for a couple of seconds before opening the main program |  |
|  | Exit Icon | Once clicked closes program | As expected |