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| User Interface Design Specification | | | | | | |
| User Interface Development Tool | | | Visual Studio Community 2022 | | | |
| Application Development IDE | | | Visual Studio Community 2022 | | | |
| Development Language | | | C# | | | |
| User Interface Components | | | | | | |
|  | | | | | | |
| Component | Description of Action/Event | | | | | |
| Button: add | Add rego plate to list box | | | | | |
| Button: Edit/Update | Update existing rego plate information from selection | | | | | |
| Button: Remove | Delete a rego plate number from list box | | | | | |
| Listbox | Display rego plates, display rego plate in textbox when entry is clicked. | | | | | |
| Button: Linear Search | Call linear search method using text from textbox. Confirmation message if rego plate is found. Message displayed if not. Clear textbox | | | | | |
| Button: Binary search | Call binary search method using text from textbox. Confirmation message if rego plate is found. Message displayed if not. Clear textbox | | | | | |
| Button: Reset | Remove all rego plate data from the list | | | | | |
| Button: Tag | Prefix the Rego plate with a letter z which is removed after next selection. | | | | | |
| Button: Save | Calls save data method. Open Dialogue box that filters to only show txt files and allow rego plate data to be saved to a txt file. | | | | | |
| Button: Exit | Call form closing method, which also calls save data method. Save and close the form. | | | | | |
| Button: Open | Open Button to select a saved txt file to load into a listbox | | | | | |
| Content Flow Diagram | | | | | | |
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| UI Design Layout | | | | | | |
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| Approval (Lecturer/Assessor use only) | | | | | | |
| Approver Name | | Title | | Signature | Date | Approved? |
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|  | |  | |  |  |  |
| Lecturer Feedback | | | | | | |
|  | | | | | | |
| Recommendations | | | | | | |
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