Contacts use case

The contact app is designed to store contact details. Examples of intended users could be community groups, sports organisations, or individuals for private use. The data about contacts that is stored is Name, Phone number, Email, Street Address, and Town.

The user opens the Contact page.

The user can enter a new contact, edit a contact, delete a contact, or search for contacts.

To enter a new contact the user enters a new contact they enter the users data types in the “Name, Phone Number, Email, and Street Address text boxes. To enter a town the user clicks on the drop-down to select from the list of towns. If the contact lives in a town that is not on the list the town can be typed into the field. Once the fields are full the user clicks on the “Add Contact” button. The new contacts details are added to the database.

To edit a contact the user selects the required contact from the data table by clicking on the contacts row. This fills in the input boxes with the selected contact's data. The user edits the fields that need updating, then clicks on the “Update” button. If the update is successful a message box informs the user the update was successful. If the update wasn't successful a message box informs the user the update was unsuccessful. If successful the contacts details are updated on the database.

To delete a contact the user selects the required contact from the data table by clicking on the contacts row. This fills in the input boxes with the selected contact's data. The user clicks on the “Delete” button. If the contact is successfully deleted a message box informs the user the contact was successfully deleted. If the contact wasn't successfully deleted from the database a message box informs the user the contact was not deleted from the database. If successful the contacts details are deleted from the database.

When the user wants to search for a contact they start typing the contact's name, phone, address, or town into the search text box. The query will start displaying rows that match what has been into the search text box. The user can then select a row from the data shown in the data table.