updateCommand.ExecuteNonQuery();

LoadRequests();

requestDescriptionTextBox.Clear();

}

else

{

MessageBox.Show("Select a request to edit.");

}

}

private void FilterButton\_Click(object sender, RoutedEventArgs e)

{

string filterText = filterTextBox.Text;

ICollectionView view = CollectionViewSource.GetDefaultView(requestsDataGrid.ItemsSource);

if (!string.IsNullOrEmpty(filterText))

{

view.Filter = item =>

{

Request request = item as Request;

return request.Description.Contains(filterText);

};

}

else

{

view.Filter = null;

}

}

private void SearchButton\_Click(object sender, RoutedEventArgs e)

{

string searchText = searchTextBox.Text;

string selectQuery = "SELECT \* FROM Requests WHERE Id = @Id OR Date LIKE @Date;";

SQLiteCommand selectCommand = new SQLiteCommand(selectQuery, dbConnection);

selectCommand.Parameters.AddWithValue("@Id", searchText);

selectCommand.Parameters.AddWithValue("@Date", "%" + searchText + "%");

SQLiteDataReader reader = selectCommand.ExecuteReader();

requests.Clear();

while (reader.Read())

{

requests.Add(new Request

{

Id = Convert.ToInt32(reader["Id"]),

Date = Convert.ToDateTime(reader["Date"]),

Description = reader["Description"].ToString()

});

}

reader.Close();

}

protected override void OnClosing(CancelEventArgs e)

{

base.OnClosing(e);

dbConnection.Close();

}

}

public class Request

{

public int Id { get; set; }

public DateTime Date { get; set; }

public string Description { get; set; }

}

}