# Contacts Multi-Tier Application Tests Document

## We will test out the CRUD operations with forcible mistakes to show error handling and finally the ideal execution of these operations.

## Creating a Contact with a missing field:

## A screenshot of a computer AI-generated content may be incorrect.

## Creating a Contact with an unexpected type for the Contact Number:

## A screenshot of a contact form AI-generated content may be incorrect.

## Creating a Contact with a wrong email format:

## A screenshot of a contact list AI-generated content may be incorrect.

## Updating with any of the previous errors:

## A screenshot of a computer AI-generated content may be incorrect.

## Deleting a non-existent Contact Id:

## A screenshot of a computer AI-generated content may be incorrect.

## Searching for a non-existent Contact Id:

## A screenshot of a computer AI-generated content may be incorrect.

## Creating a Contact:

## A screenshot of a contact form AI-generated content may be incorrect.

## Updating a Contact:

## A screenshot of a contact form AI-generated content may be incorrect.

## Deleting a Contact Part 1:

## A screenshot of a contact list AI-generated content may be incorrect.

## Deleting a Contact Part 2:

## A screenshot of a computer AI-generated content may be incorrect.

## Reading Contacts (Before Search):

## A screenshot of a contact list AI-generated content may be incorrect.

## Searching for a Contact:

## A screenshot of a contact information AI-generated content may be incorrect.

# Special cases

## Searching for a non-existent contact Id:

A screenshot of a contact list

AI-generated content may be incorrect.

## Updating or creating a duplicate Contact Id or Email:

A screenshot of a computer

AI-generated content may be incorrect.