

Task:

Develop a Contact Management Application with Laravel Framework that allows users to perform the following operations:

1. Create a new contact
2. Read (view) all contacts
3. Update an existing contact

Requirements**Contact's Table Structure:**

id: Integer, Primary Key

name: String, Required

email: String, Required, Unique

phone: String, Optional

address: String, Optional

created_at: Timestamp

updated_at: Timestamp

Routes:

1. GET /contacts: List all contacts
2. GET /contacts/create: Show the form to create a new contact
3. POST /contacts: Store a new contact
4. GET /contacts/{id}: Show a specific contact
5. GET /contacts/{id}/edit: Show the form to edit a contact
6. PUT /contacts/{id}: Update a contact
7. DELETE /contacts/{id}: Delete a contact

Controllers:

ContactController: Handle all operations

Views:

1. index.blade.php: Display all contacts with sort and search functionality
2. create.blade.php: Form to create a new contact
3. edit.blade.php: Form to edit an existing contact

4. `show.blade.php`: View a specific contact

Sorting:

1. Allow sorting by name and `created_at` (date)
2. Implement sorting links on the `index.blade.php` page

Search:

Implement search functionality by name or email on the `index.blade.php` page

Delete a contact

Sort contacts by name or date

Search contacts by name or email