Contact Details Application

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**Summary**

Contact Details Application is used to store contacts’ details of a user. User can register & login with a valid email address and password. After successful login, the application shows option to add, edit & delete contacts.

**Technical details**

|  |  |
| --- | --- |
| Backend | JAVA Spring Boot |
| Database | MongoDB |
| Frontend | Angular |
| Styling | Bootstrap 4, Font Awesome |

**Features**

1. The home page

The user can go to login/register page from either navigation bar or from the buttons on the home page.

Graphical user interface, application, website

Description automatically generated

1. Register page

The register button remains disabled until valid data is not entered in all the required fields.

Graphical user interface, application, website

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1. An appropriate error message is shown if incorrect email is entered.

Graphical user interface, application

Description automatically generated

1. An appropriate error message is shown if length password entered is less than 6 characters.

Graphical user interface, application

Description automatically generated

1. On the click of register button, password and confirm password fields are compared and appropriate message is shown is they does not match. The message disappears after 3 seconds.

Graphical user interface, application, website

Description automatically generated

1. If user tries to register again with registered email, appropriate error message will be shown and will be disappeared after 3 seconds

Graphical user interface, website

Description automatically generated

1. After successful registration, user is directed to the login page

Graphical user interface, website

Description automatically generated

1. An appropriate error message is shown if invalid email is entered

Graphical user interface, application, website

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1. An appropriate error message is shown if password entered is smaller than 6 characters.

Graphical user interface, application

Description automatically generated

1. An appropriate error message is shown if invalid password is entered. The data is compared from the database. The message disappears after 3 seconds.

Graphical user interface, website

Description automatically generated

1. An appropriate error message is shown if entered email is not registered. The data is compared from the database. The message disappears after 3 seconds.

Graphical user interface, website

Description automatically generated

1. After successful login, user is directed to the dashboard

Initially, the user will have no contacts. So an appropriate message shown on the screen.

Graphical user interface, text, application, website

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1. Appropriate message will be shown on the screen if invalid email is entered

Graphical user interface, text, website

Description automatically generated

1. Appropriate message will be shown on the screen if the length of phone number is less than 10 characters.

Graphical user interface, text, website

Description automatically generated

1. On the click of Add button, the contact will be shown on the right-hand side

Graphical user interface, website

Description automatically generated

1. Contacts’ cards will be properly aligned on adding more contacts.

Graphical user interface, website

Description automatically generated

1. On the click of Delete button, respective contact will be deleted. (Eg: deleted first contact)

Graphical user interface, website

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1. On the click on Edit button, the add contact section will be replaced by edit contact section and the details of respective contact will be populated in the edit contact form.

Graphical user interface, website

Description automatically generated

1. Name, Phone, Type fields can be edited while email field cannot be changed. On click of discard the edit section is again replaced by Add contact section.
2. On click of update contact, the respective fields will be updated and shown on the right side. The edit contact section will be replaced by add contact section again.

Graphical user interface, website

Description automatically generated