



Front End Developer Test

Create a single page "phone book" application. This application should allow a user add and remove contacts (consisting of a name phone number). This application will help demonstrate your front end development abilities.

The wireframe shows a web browser window titled 'UT PhoneBook' with the address bar displaying 'phonebook.dev'. The page content includes a header with a placeholder icon and the title 'My UT Phone Book'. Below this is a form titled 'Add New Contact' with two input fields labeled 'Name' and 'Phone Number', and an 'Add' button. A list of four contacts follows, each with a placeholder icon, a name, a phone number, and a delete icon. The contacts are: Tasha Yar (410) 486 4567, Bill Riker (410) 456 4456, Wesley Crusher (410) 486 4567, and Michael Dorn (410) 486 4567.

Name	Phone Number	Action
Tasha Yar	(410) 486 4567	Delete
Bill Riker	(410) 456 4456	Delete
Wesley Crusher	(410) 486 4567	Delete
Michael Dorn	(410) 486 4567	Delete

Use this wireframe as the base for your layout. You may deviate from this to ensure that your application is responsive and to implement any of the bonus functionality.

Requirements

Your submission must meet the following requirements.

- The application should be a single web page. Separate asset files (JS, CSS, images, etc.) are fine.
- The page should display, at minimum, a form for adding new entries and a list
- The user should be able to add an entry, consisting of a *name* and *phone number*, and remove any entry from the list.

- The application should be responsive and aesthetically pleasing. This is where you can express your creativity :)
- Third party JavaScript MVC frameworks, JavaScript libraries, CSS frameworks, CSS processors are permitted and encouraged.

Bonus Functionality

Implement at least two of features in this section. You may add any feature or aesthetic changes you wish as long as it does not hinder the user experience and your app still meets the requirements above.

Level 0

- Add ability to "Favorite", color code, or categorize entries.
- Validate the Phone Number.
- Add some color and theme beyond the basic CSS provided by a framework.

Level 1

- Add ability to "Favorite" entries, bringing them to the top of the list.
- Ensure that no duplicates are added.
- Use a modern JavaScript MVC framework.

Level 2

- Display the list in alphabetical order.
- Add ability to edit any entries.

Submission

Please either push your app to GitHub or BitBucket and provide us with publicly accessible link or provide us with a zip/tar. You need to provide us with all of your source code. If any build instructions are required, include them in a readme file.