**Project Report**

**Accessibility Measures added to site:**

These are the four accessibility measures which we added in our site.

1. **Perceivable:**

* Site consist of proper navigation bar which is linked properly to the pages.
* User can easily go to home page or other using the navigation link.
* The site is properly adaptable and distinguishable.

1. **Operable:**

* Site is easily operable, also all the keyboard functionalities are available.
* User can read content with all ease.
* Design is very simple and navigable.
* User can also navigate to desired pages easily.

1. **Understandable:**

* Design is properly readable and predictable.
* User can easily understand all about the content of site.

1. **Robustus:**

* The site can be run on any browser with fully compatibility.
* Compatibility is maximized with current and future user including assistive technologies.

**Adapt your site for mobile phone user:**

These are the following ways by which we can adapt our site for mobile phone user.

* The **screen** of mobile phone is different from desktop, pc or laptop. The mobile phones are also available in different sizes. So, by applying different media queries for different screen sizes we can adjust the sizes, heights, widths and shapes of different elements and make them compatible according to the screen sizes.
* Improving site loading time.
* Redesigning pop ups for mobile devices.
* Test your site using Google’s Mobile-Friendly tool.
* Make button size large enough to work on mobile.
* Use font sizes large and clear.
* Import viewport meta tags.
* Allow a way to switch to desktop view.
* Regularly perform mobile testing

**How we have tested site:**

These are the following ways by which we have tested our site.

1. **For login/signup:**

* By giving all/single empty fields.
* By giving already exist username (in case of signup)
* By giving wrong username/password.

1. **For designing:**

* Testing every element for all screen sizes.

1. **Others:**

* Checking whether user can post claims or replies with/without logins.
* By applying all validations.

**JavaScript framework:**

We will choose. **“Bootstrap”,** we can modify our site by apply following changings:

* Wrap all the body content in a container.
* Dividing layout according to the built-in rows and columns of bootstrap.
* Adjusting space or each row and column according to the screen size.
* There are total 12 column in a single row and a container can contain as much as possible rows and there can be as much as possible columns in each single row and so on… you can divide and make an attractive and responsive layout using these rows and columns.
* Can make texts responsive according to the screen sizes.
* Can make forms attractive and responsive according to screen sizes and layouts.
* Can make images responsive.
* Can add different background colors, font colors, etc.
* Can apply different borders responsively and design them according to desired layouts.
* Can add responsive cards.
* Can add pop up modals.
* Can make responsive menues.

We can add much more features to make our site attractive and responsive at the same time as well.