

## User

### Product functionality overview:

Users are able to:

- (i) Register and log in
- (ii) Type messages and view them on personal dashboard
- (iii) Delete messages
- (iv) Logout



- User accesses via website/browser.

<https://jiaren-messageapp.herokuapp.com/register>

- Website is responsive to multiple screen sizes for pc/mobile.

- Registration/login form validation implemented.

- User will still be logged in when page is closed, unless logged out.

## Front-end

### Languages/libraries:

- HTML, CSS, Javascript, Bootstrap, etc.



- HTML templating using EJS (embedded javascript templating) for direct rendering from NodeJS express.

`<%= EJS %>`

## Back-end

### Server environment:



#### NodeJS packages

Express.js

Mongoose

- EJS (embedded javascript templating)  
- Connect-flash

Passport, passport-local

Bcrypt

#### Feature(s)

Web application framework

Communication with database (MongoDB)

- Rendering of static HTML pages and provides templating functionality.  
- Assists with front-end flash messages

User authentication utilising sessions

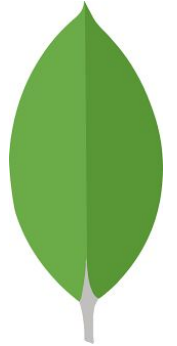
Encrypts user password

Deployment Host: **Heroku**

Integrated and linked with **Github** repository for deployment



Database: **MongoDB**



Host: **MongoAtlas**

