**NAGP**

**Angular Covid19 Tracker Assignment**

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| **Revision History** | | |  |
| Version | Date | Author/Contributor | Comments |
| 0.1 | 03-05-2020 | Megha Gupta | Initial document |

**Tools and packages used:**

1. Angular version 9 has been used for creating the application.
2. Surge has been used for hosting the application.
3. For styling purpose, Bootstrap and Primeng have been used.
4. Testing has been done using Jasmine and Karma.

**Components:**

1. **App component:** It is the root component of the application.
2. **Dashboard component:** It is the default screen for the user. It shows covid19 details for all the states and UTs in India.
3. **State-District component:** It shows covid19 details for all the districts of a state when the state name button is clicked.
4. **Login:** This component is for admin login.
5. **Header:** It contains the header for application containing various navigation links for the application.
6. **Footer:** It contains the footer for the application.
7. **News-Display component:** This section displays all the news uploaded by admin user.
8. **News-Update component:** This section allows an authenticated admin to add new news item.
9. **Precautions component:** This component shows the precautions that a user should take to prevent them from covid19.
10. **Page-Not-Found component:** This component is shown when user tries to access any route other than the defined routes.

**Services:**

1. **Credential Service:** This service takes care of user authentication and session management. The session has been managed using session storage on the browser.
2. **News Service:** This service takes care of adding new news items through News-Update component and displaying all the news in the News-Display component.
3. **Http Service:** This service takes care of http requests to fetch covid19 details for India.

**Routing:**

All the routes for the application have been defined in route.ts

**Admin credentials:**

Email: [adminuser@nagarro.com](mailto:adminuser@nagarro.com)

Password: admin

**Github Link:**

<https://github.com/meghaa03/covid-tracker-nagp>

**Surge URL:**

[http://covid-india-nagp.surge.sh](http://covid-india-nagp.surge.sh/)