**COVID HACKATHON – Chatbot to provide COVID common facts and statistics**

*The coronavirus outbreak occurred in our modern, highly connected, information-dense world. Yet, dissemination of accurate, up-to-date information about the spread of the disease remains a challenge.*

*In times of pandemic like COVID-19, people might be trying to find basic information about testing, symptoms, community response, and other resources. To ensure the correct information is being available to the people as per their queries, chat bots can help people quickly find answers they need to critical questions.*

*This chatbot is built with the sole purpose to provide common COVID facts and statistics to the people. It addresses queries for knowledge of the Corona impacts (confirmed cases. Recovered cases & deaths) in a specific geographical area. It also enables the users to take self-assessment quiz on their symptoms to tell if they are likely to be infected with the virus. If not, users can continue to self-isolate at home, and avoid overcrowding. If the bot finds the person may have the virus, it also shares the local test clinics for instructions on what to do next.*

*Technologies used –* ***IBM Watson Assistant, Node js, Webhooks & IBM cloud functions.***

*Unique features of the Solution –*

* *The chatbot QVID provided extensive information about the Covid 19 virus since it is crucial that people have 24/7 access to information that is clear, correct, and helpful, share facts, and know exactly how to protect themselves and help stop the spread.*
* *Hospitals worldwide are struggling to provide enough staff, space, and resources to treat all their patients. QVID offers a prompt self-assessment test for the users on their symptoms and advise whether they should seek care or report to the local clinic. This will help ease the burden on healthcare systems.*
* *QVID provides country-specific information about the pandemic in form of charts for a quick glance of the Covid affected numbers. It uses the Covid 2019 APIs to gather information about the Covid confirmed cases, recovered cases & death numbers in the countries and presents the data in form of line charts for quick references.*
* *The QVID also provides the users to know about location or state specific numbers of the Covid affected patients inside a country. This helps the user to understand the situation around his area/state.*
* *The QVID has a feature where users can get location or state specific clinic & test centers, which helps personalized, hyper-local assistance. This have been added to make the user aware of the local test clinics in case he seems to be affected.(additionally he can use the self-assessment quiz also)*
* *The easy and self-explanatory QVID will help users of any age group to get their queries resolved.*