**Internship Report**

Date: July 19th, 2018

During the internship, we learned about Firebase and Artificial Intelligence.

We used HTML, CSS, Bootstrap and Java Script along with jQuery to design various responsive webpages.

HTML was used for the proper formatting of text, images and videos so that the web browser could display them appropriately. CSS was used for styling the webpage. This included changing backgrounds, font size, style and colors, alignment, etc. Bootstrap was used to make the webpage responsive so that it could be used on a variety of devices such as laptops, mobile phones and tablets by automatically resizing the items on the screen according to the screen size. This way when the webpage would still be the same as there won’t be a need to zoom out or scroll left and right to see the items that do not fit on the screen. JavaScript along with jQuery was used for animating buttons. It was also used to add various modules into the webpage, access the data and to use different Google API’s.

In the first week we learnt to create, add, delete and update entries in the database using Firebase. We used this database to store data from the webpages we created. We even learnt to host the webpages using Firebase through node.js command prompt. This was used to create a simple chat application we hosted.

In the following week, we used different Google APIs to do various things like determining the location, finding the distance between two different places, using the search box in the webpage to access contents from the specified site. We used the speech recognition to detect what the commands were and used it to create a calculator which would perform the operation when we gave a voice command. We even used the camera module to capture the content through the camera and used facial recognition to detect faces and apply different images on them.

By the end of the internship, we learnt how to work as a team, share ideas and also various new things which would be very helpful in our career.

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SARGAM NAIK DESSAI