CS-5542 BIG DATA ANALYTICS AND APPLICATIONS SPRING 2016

GROUP-4

Project Name	ROBO CARE
Project Team	• Dara Venkata Sai Sandeep - 5 • Khandelwal,Shuchita - 10 • Podili,Venkata Krishna - 23 • Sawant,Anuja Ajay - 25
Project Theme	• The theme of the project is to design a ROBO which can be used as a medical assistant. • The ROBO must be capable of suggesting the doctor based up on the symptoms, age, and gender. • The Decision outcome must give equal priority to all the parameters provided to the ROBO.
Project Insights	• ROBO will use facial recognition technique to provide access to user to the use the application. • ROBO would collect the data from the user regarding the symptoms age and gender from his voice and would use Natural Language Processing to suggest the doctor. • Once the doctor mails the prescription to the user the ROBO would alert the user regarding the prescription through a notification to his smart watch. • ROBO would schedule a Custom reminder based up on Location, Time and date mentioned in the Email. • ROBO would send the notifications dynamically based up on the user location to ensure he would reach the destination 15 MINS before the scheduled time. • Once the user start walking towards the destination, based up on the accelerometer data, ROBO would alert the user weather he is walking in optimal speed or need to increase the speed to reach destination on time.