

Chapter 4

REFLECTION NOTES

The entire purpose of internship will be successfully accomplished only when we reflect back on what we did in the internship and what it taught us and how it will help us in future. This internship taught me a lot technically. The amount of knowledge gained was immense. The internship helped in gaining Engineering knowledge and how to apply the knowledge I have in the right place. It helped in analyzing the problem, developing a model and finding the optimal solution for the problem given.

Through this internship I was able to learn new technologies like Machine learning and Artificial Intelligence and its applications. The internship allowed us to use modern tools and resources like FitBit watch and Google Pixel phone and have hands on experience in developing applications in both the devices by fetching the data and analyzing it.

To maintain an efficient working environment and to keep track of every interns work and to finish the project on time Agile Technology was implemented. This was something new to us. We got industry level exposure to agile method of working where there were scrum cycles lasting for 3 days and scrum meeting held everyday to monitor our progress. We used a website called Meister task which had an individual accounts for us designated to a particular group .It was responsible in monitoring our tasks. We were divided into groups of five in each. This helped me in project management, improving my communication skills and following work ethics. This internship paved way in exposing to industry level of work. Agile method of software development is the boon and we were taught how to work with agile.

Learning from scratch to create login page ,then authenticating the user to the Github and redirecting them to the home page ,creating folder structure for repositories and the template chosen by the user, listing the them seems hard but we were successful in doing it using a continuous integration tool called Jenkins . It is an automation tool which helps in testing and building the software. It plays a significant role in DevOps.