

Chapter 5

CONCLUSION

The project is aimed to meet the requirement of the Detection and Prevention of Aggression. It was developed with the help of Node Js, MySql Database, FitBit APIs, HTML etc.

Overall the Project teaches these essential skills:

- Understanding the database handling with live data
- Data processing with Machine Learning Algorithm.
- Using of the Sensor Data of the FitBit watch.
- Demonstrate the working of the machine learning algorithms.

The Repository Generation System intended to improvise the drawback of Github. The git could not create the folder structures so we developed the folder structure which could display the nested files and folders under a particular folder .The Json object was converted to Json string which intern displays the tree structure. Finally the software was developed using HTML,CSS and bootstrap. It was then deployed using a software toll called Jenkins.

Overall the Project teaches these essential skills:

- Conversion of the directory structure to a JSON string.
- Traversing the JSON string using Depth First Search (DFS) in order to facilitate with viewing and editing of the template.
- Communication with GitHub servers using GitHub APIs
- An interactive UI for quick and easy creation and manipulation of repository templates.
- Use of Jenkins for testing and deploying of repositories.

