**HACHI PROGRAMMING TASK**

**Submitted by**

**Beegala Yuvaraj**

**08MSE040**

1) **URL**:

<https://github.com/beegalayuvraj/Hachi.git>

2) **CODE:**

I uploaded **aodv-20.tcl** file which shows the interconnection among nodes in a wireless network and communication between clustering nodes.

3)

a) In recent days, Computers rule the world and so the “Networks”. Networks allow computers to communicate and share the valuable information. Connectivity, Communication, data sharing, hardware sharing, Internet access etc. are the most advantages of connecting the computers together. Emerging trends cannot avoid the networking while modernizing their organizations.

b) The main objective of this project is to study and analyze mechanism behind the optimal path selection for communication. This application simulates the scenario of how different social network clusters will communicate and find results on demand.

c) Ns-2 is an event driven simulator targeted especially at network research. It offers implementations of many famous and less famous protocols, traffic sources, etc. Languages like TCL used for programming and AWK for performance calculation.

4) Build an open platform application for users to get all kinds of tools and place to contribute the tools they come across in their life. Using prototype approach, we start the process of building it and modify the application according to user needs.

5)

i) Scaling of graphs (Many people are adding day-by-day to facebook, google plus,linkedin)

ii) Rank algorithm to choose the best intermediate to meet the destination (Because there are many ways to get the search).

iii) Distributed computing using large amount of social networking clusters.

iv) Integration of data from various social networking sites and provides optimal solutions to user there by increasing the customer satisfaction and usage.

Work Flow of this Application







