

## ***Abstract***

*Changes in patterns of communication and interaction between individuals that toward to a Social network makes many parties are encouraged to conduct a research. The research in the field of Social network is known as Social network analysis (SNA). The research conducted in the Social network analysis can be a pattern of information dissemination and communication as well as determine how important the information and the influence of a user in the community. One of the most popular online Social networks nowadays is Twitter. Following/ Followed , mentions , retweets and replies relationships in Twitter can be represented into a graf in which every user can be performed as a node and each relationship between the user becomes edge . To determine a infliential user and the user that has connection with the influential user, we must know the value of its centrality . Centrality is a measure by which a node/user is considered to have good information . Hubs and Authorities is one of the methods of calculating the centralityty that focuses on two assessment aspects that is hubness and authority . Hubs can be described as the value of a user that connected to influential users, while authority can be described as the value of a user that influence other users. By considering these two aspects than it's not only influential user that can be known, but user who has a connection with the influential user also can be found. So that users can be used as a reference if we want to know about influential user in the community.*

***Keyword :*** *Online Social network ,Social network analysis, Hubs and authorities centrality.*