Project Proposal  
**Data Structures**

# Project Name : Dot Plot

**ABSTRACT:**  
 In the emergence field of bio-informatics we encounter many problems which are solved effectively using computers. Bioinformaticians face the problems of examining of large sequences of amino acids ,this is the part where computer scientists come in and generate solution and with their computations the problem is easily computed and become in useful form for bioinformatiations. In our case we shall solve the problem where sequences of amino acids are given and by comparing with other sequences of protein we shall be able to detemine the changes in shape which can either be cavity or etc. By comparing the sequences and finding the similarities we shall we able to know the properties of the mashed sequence between two sequences and thereby we will know why this change in shaped occurred.

## Programming Technology:

C++

## Members:

Muhammad Fahad Qureshi 17k-3925

Muhammad Faraz 17k-3694

Abdullah Qadri 17k-3922