**Mansoura University**



**Faculty of Computers and Information**

**Department of Computer Science**

**Project Proposal**

# Arabic Title

### 

##### English Title

### **K-mer Counting**

### **Submitted by:**

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| --- | --- | --- |
| Student Name | Student Email | Section |
| Haidy Anwar shaban | haidyanwar@std.mans.edu.eg‏ | Section 2 |
| Basma Abdelrhman Mahmoud | basmaabdrahman@std.mans.edu.eg | Section 13 |
| Yomna Ali Helmy | yomnaalihelmy@std.mans.edu.eg | Section 13 |

Project Abstract:

Enter DNA text and k

Output:-

-Number of K-mers in DNA text

-Number of appearance of each kmer

In DNA

-Visualization of Kmers.(Histogram)

Project Objectives:

To Find appropriate K-mer.

Who are the project **competitive**? and how will your project be **different**?

Our Idea

Tools, Hardware and Software Resources:

**Tools :-**

**Software:-python**

**Hardware:-**

SCHEDULING PHASES:

|  |  |  |
| --- | --- | --- |
| **From** | **To** | **Activity** |
|  |  |  |
|  |  |  |
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References:

<https://bioinfologics.github.io/post/2018/09/17/k-mer-counting-part-i-introduction/>‏