**Arabic Tagging Project**

5th meeting – 25.03.2020

**Heyam’s project**

Heyam build algorithms that identify elements in text (e.g**. تكرار, بلاغة, تشبيه, رجوع**), so far she’s using NetBeans to track progress there you can select the element you’re looking for **דימוי** and it’ll point out where in the text we can find it.

Also, for each text the user can load a pie chat visualizing all the elements and number of times used.

**Combining our project with Heyam’s**

Heyam can use our database of terms and their tags to identify new elements like **מטפורות** **והפכים**, combining both projects is unnecessary work so instead we’ll open a “connection” where Heyam can send a document file containing the text lets say JSON file, we can manually or automatically tag each term in the document and save it in a new datastore then send it back to Heyam’s.

**Note –** for each term we have to specify 3 main features so Heyam’s program can read the fil we send back as it is.

1. Place in poem (first beet صدر, second beet عجز ).
2. Line in poem.
3. Place in line.

In the first phase we’ll have to allow the user (Ali) to manually tag terms in the poem, then when the dictionary of term – tag is big enough we can start tagging automatically.

For next meeting start working on prototype so we can see if it’s easy to use or if Ali has features that can make tagging manually easier so we can add them. So option to load a poem, hover on a term opens the tags, user can choose one or more tags to tag the term and in the same time present definition of the term from the dictionary we have (add another one so user can have more than one reference with option to change the source or view all of them).