```
page_rank
 -n: int
 -web: vector<double>
 -g: connectivity_matrix
 -S: matrix
 -Q: matrix
 -M: matrix
 -rank: matrix
 -memberName
                <<uses>>
                   Ŵ
matrix
 -rows: int
 -cols: int
 -default value: double
 -data:vector<vector<double>>
 + set_value ()
 + get_value ()
 + clear ()
 + operator<< ()
 + operator== ()
 + operator!= ()
 + operator++ ()
 + operator ()++
 + operator-- ()
 + operator ()--
 + operator= ()
 + operator+= ()
 + operator+ ()
 + operator-= ()
 + operator- ()
 + operator*= ()
 + operator* ()
                 connectivity_matrix
 + set_value ()
```