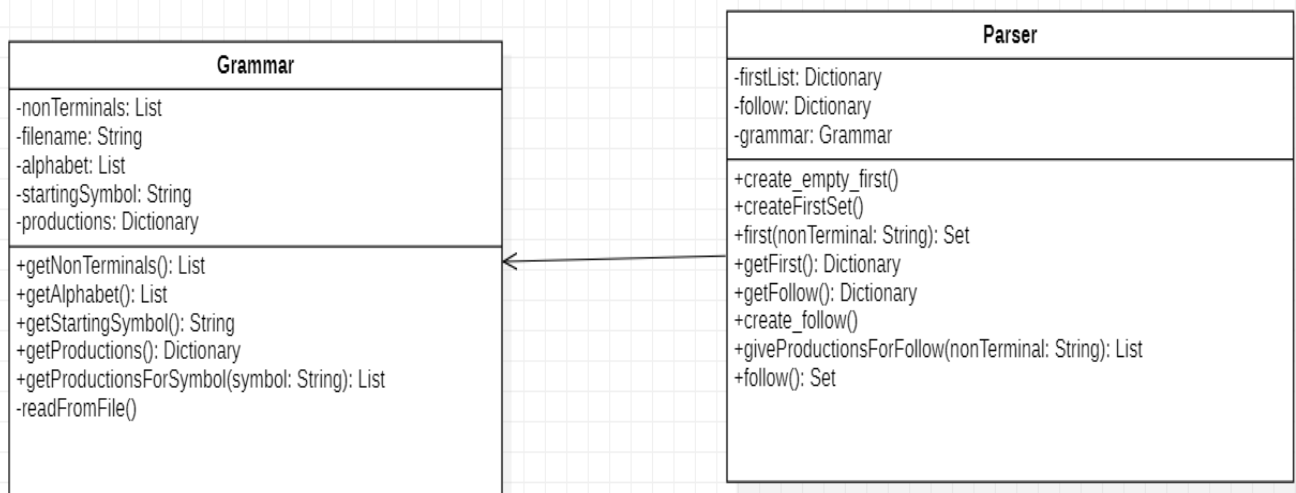


Laboratory 5 – FLCD

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Git link: https://github.com/mirzalorena/flcd_lab5

Grammar and Parser classes UML:



```
'''
Preconditions: nonterminal : String
Postconditions: returns the set of first terminals
                of given nonterminal, or empty set otherwise
'''
def first(self, nonterminal):
```

```
'''
Preconditions: nonTerm : String
Postconditions: returns a list containing elements of type [A, y],
                where those respect the condition A -> a B y, or
                empty list otherwise
'''
def giveProductionsForFollow(self, nonTerm):
```

```
'''
Preconditions: None
Postconditions: return the set self.__follow, containg the
                terminals which follow the keys of the set (nonterminals)
                Ex: self.__follow[A] contains terminals which follow
nonterminal A,
                or epsilon if no terminal follows A.
'''
def follow(self):
```