**CS 419 Compiler**

**Project Form**

**Project Idea:** Project #2 Language

**Team Members NO#:** 2

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ID** | **Name** | **Level& Department** | **Section (Day from-to)** | **Role (Lead/Member)** | **Grade** |
| 201900483 | Ali Ehab Ali Yousef | LV3 CS | WED 2-4 | Leader |  |
| 201900903 | Nehal Ashraf Elsayd Elsayd | LV3 CS | WED 2-4 | Member |  |
| 201900902 | Nehad Ahmed Ali | LV3 CS | WED 2-4 | Member |  |
| 201900635 | Mouhamed Ashraf Abdelaziz Ibrahim | LV3 CS | WED 4-6 | Member |  |
| 201900654 | Mouhamed Hasan Ali Amen Hendy | LV3 CS | WED 4-6 | Member |  |
| 201900942 | Hesham Mahmoud Ibrahim | LV3 CS | WED 2-4 | Member |  |
| 201900916 | Nourhan Mouhamed Radwan | LV3 CS | WED 2-4 | Member |  |

**Regular Expression, Finite automata and Conversion from RegX to NFA, NFA to DFA**

Diagram

Description automatically generatedDiagram

Description automatically generated

**Parse tree and Abstract syntax tree**