**CS 419 Compiler**

**Project Form**

**Project Idea:**

……project 3……………………………….

**Team Members NO#:** …………………………………..

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ID** | **Name** | **Level& Department** | **Section(Dayfrom-to)** | **Role (Lead/Member)** | **Grade** |
| 201900959 | ياسمين عادل نصر غانم | 3 cs |  |  |  |
| 201900012 | ابراهيم محمود مكي حسين | 3 cs |  |  |  |
| 201900437 | عبدالرحمن محمد فكري ثابت | 3 cs |  |  |  |
| 20180142 | إيثار طارق عبد العزيز | 4 cs |  |  |  |
| 201900984 | يوسف شعبان إمام | 3 cs |  |  |  |
| 20180689 | ياسمين محمد حسن | 4 cs |  |  |  |
| 201900496 | عماد علي عماد حافظ | 3 cs |  |  |  |

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

Diagram

Description automatically generated A picture containing diagram

Description automatically generated

A picture containing text, electronics

Description automatically generatedGraphical user interface, application

Description automatically generated

Diagram, schematic

Description automatically generated Diagram

Description automatically generated

Diagram

Description automatically generated

Diagram, schematic

Description automatically generated Diagram

Description automatically generated

Diagram, schematic

Description automatically generatedDiagram

Description automatically generated

Diagram

Description automatically generatedDiagram, schematic

Description automatically generated

A piece of paper with writing on it

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A piece of paper with writing on it

Description automatically generated

**Parse tree and Abstract syntax tree**