

01

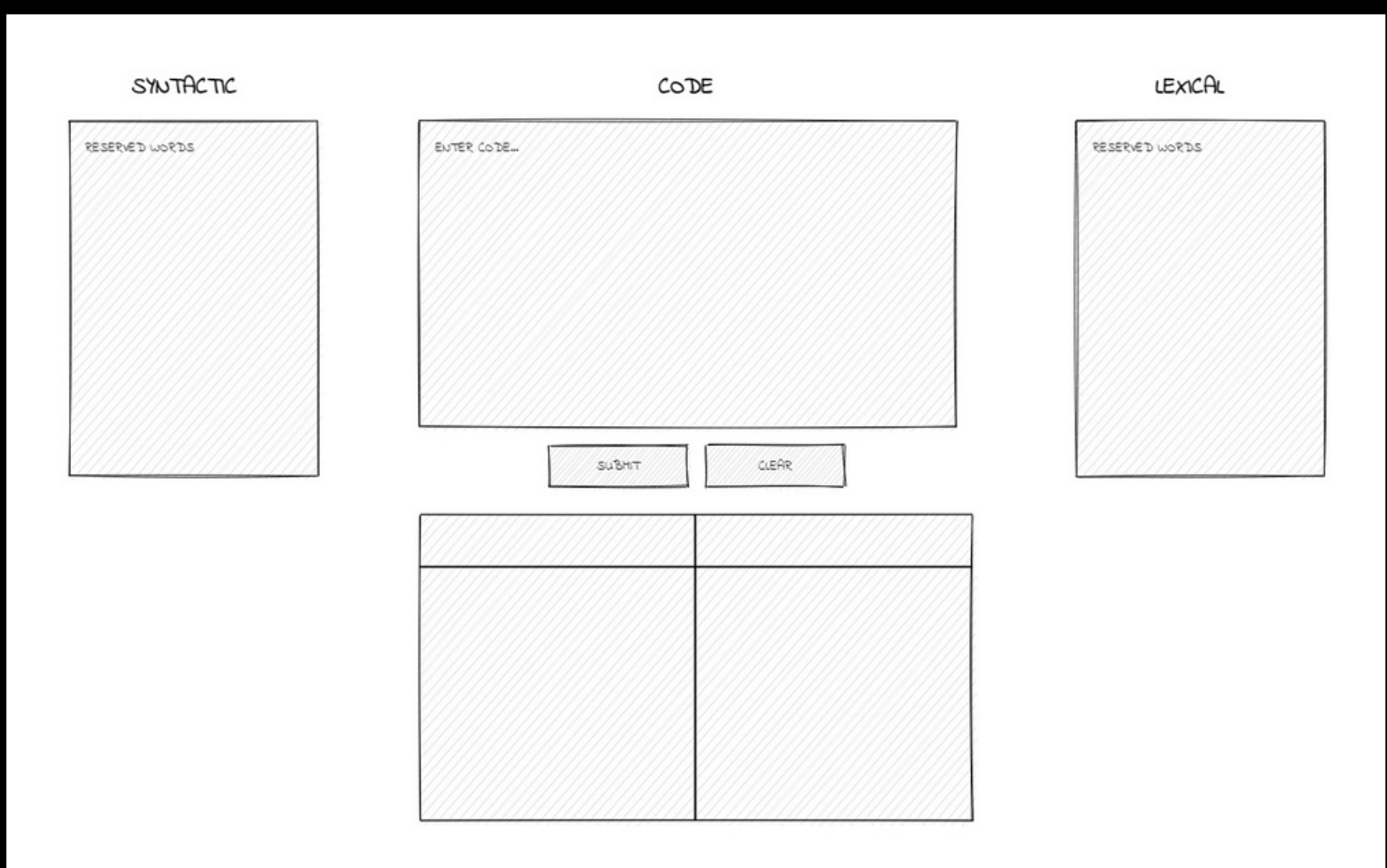
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VIKINGOS - ANALYZER



02 INTERFACE SKETCH

Interface composition
drawing.



Simple, intuitive and explained
interface designed for user
comfort.

03

Analyzer Modes

Syntactic Mode

Description: Syntactic analysis mode is designed to check the syntax or grammar of your code. It ensures that the code adheres to the specified rules and structure.

Usage: Use this mode for tasks related to the syntax of your code, such as identifying and fixing syntax errors.

Lexical Mode

Description: Lexical analysis mode focuses on breaking down the code into individual tokens or lexical units. It identifies keywords, operators, and literals.

Usage: Use this mode when you need to analyze the lexical structure of your code, such as tokenizing code elements.

04

USER INTERFACE

INTRODUCTION TO UI

The image shows a user interface for a Lexical/Syntactic Analyzer. It features three main sections: SYNTACTIC, CODE, and LEXICAL. The SYNTACTIC and LEXICAL sections each contain a box labeled 'RESERVED WORDS'. The CODE section contains a large text input area labeled 'ENTER CODE...'. Below the CODE input area are two buttons: 'SUBMIT' and 'CLEAR'. At the bottom of the interface is a table with two columns and two rows.

Purpose of the Lexical/Syntactic Analyzer:

The Lexical/Syntactic Analyzer serves as a fundamental tool in the field of software development and programming. Its primary purpose is to analyze and validate the structure and syntax of source code written in programming languages.

SYNTACTIC

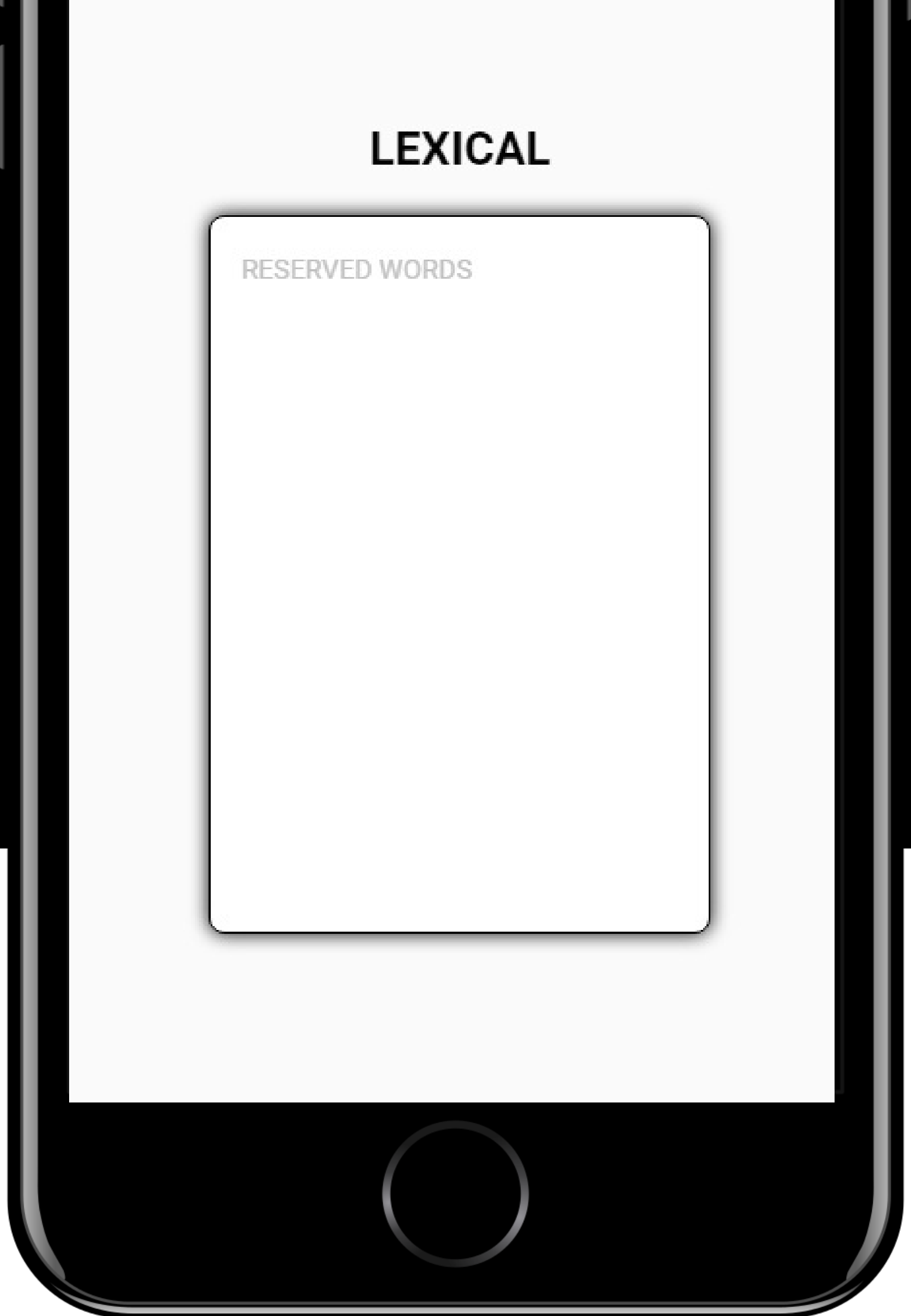
RESERVED WORDS

05

Description: In this section, you will find a list of reserved words and symbols specifically related to the syntactic analysis mode. These reserved words and symbols are essential for defining the syntax of the code you're analyzing.

Usage: To make the most of this section:

- *Refer to the list on the left to identify and understand syntax-related keywords and symbols.*
- *Ensure that your code conforms to the syntax rules provided in this list to avoid syntactic errors.*

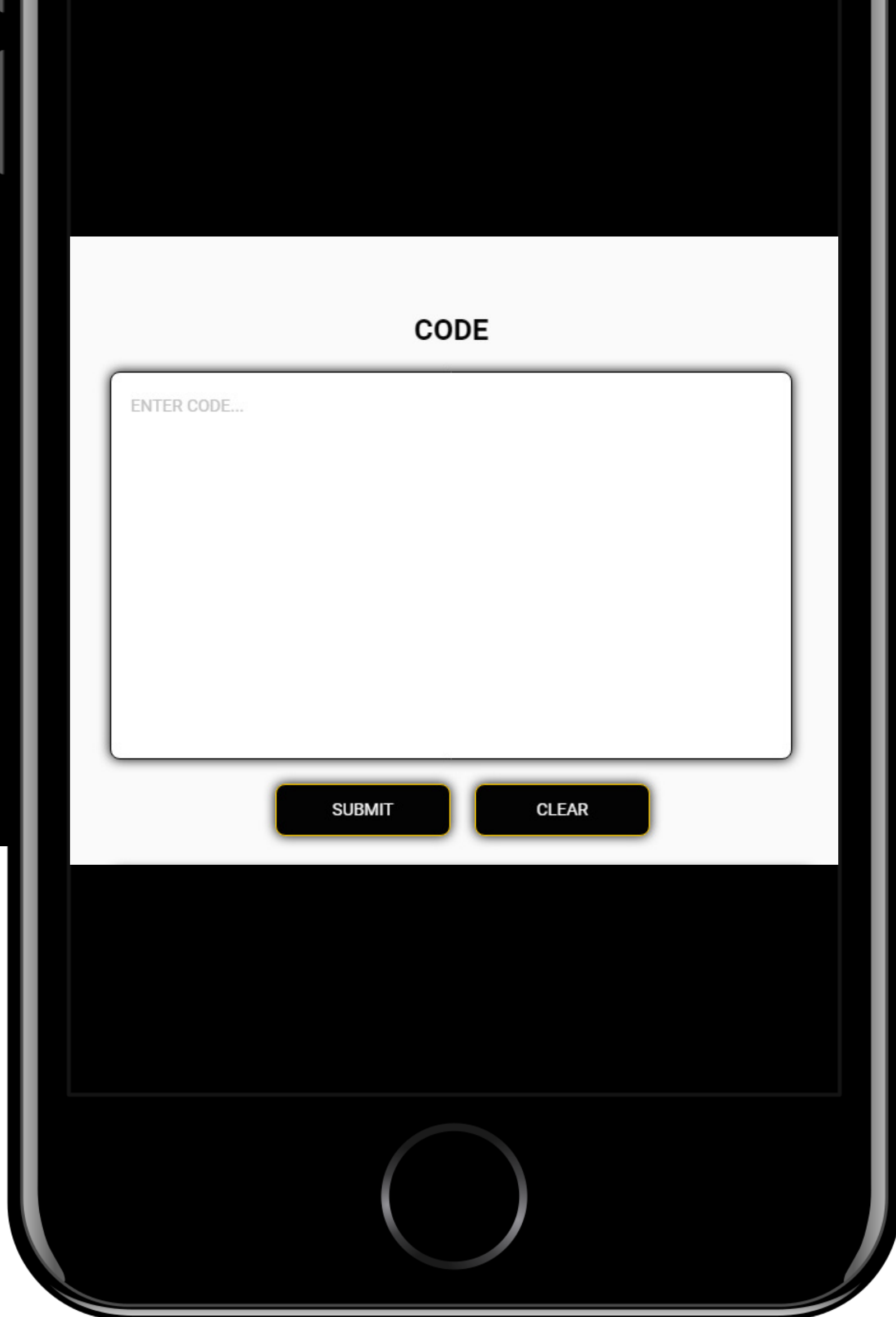


06

Description: This section contains a list of reserved words and symbols relevant to the lexical analysis mode. These reserved words are critical for identifying and tokenizing the elements of your code.

Usage: To effectively use this section:

- *Consult the list on the right to recognize and utilize lexical-related keywords and symbols.*
- *These words are important for correctly breaking down your code into meaningful tokens.*



07

Description: The Analysis Results section is located at the bottom center of the interface and displays the outcomes of the analysis. It presents the results in a tabular format with two columns: one for syntactic analysis and one for lexical analysis.

Usage: To understand and act upon the analysis results:

- *Examine the table in the Analysis Results section.*
- *The left column typically displays the syntactic analysis results, while the right column shows lexical analysis results.*
- *Look for error messages, warnings, or information related to your code's syntax and lexical structure.*