**User Guide**

**Code Plagiarism Detector**

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# Application Introduction

The Code Plagiarism Detector (known as CPD going forward) will help users detect code similarities between two code files, view the reports immediately, and retrieve the reports at a later date. The goal was to make the application intuitive and easy to use for users of all skill levels, as the heavy-lifting aspects of the application are unnecessary for users to know.

CPD will show similar lines of code files, as well as, percentages of similarities. However, human analysis is required to determine if plagiarism has occurred. The standards of plagiarism will inevitably vary by many variables, including code file size, code goal(s), business interests, etc.

# Features

Current features include:

* Logging in using a previously created account
* Selecting two code files from the user’s machine to compare and determine similarity for the user’s analysis
  + Lines of similarity are highlighted and line numbers of similar code are cross-referenced
* Saving comparison reports to a cloud-based database
* Viewing a list of previous comparison reports (not user-specific)
* Selecting a previous report from the list and displaying it

Future features include:

* Creating an account within the application
* Logging out of the account while logged in and logging in as a different user
* Selecting more than two code files for comparison and analysis
* Saving previous comparison reports by user
* Adding varying visuals, such as charts or graphs, to comparison reports

# Navigation Structure

Current navigation structure (the arrows represent navigation between the different views of the user interface).

Login Screen

Welcome Screen/Comparison Report History

View Previous Comparisons

Upload Files for Comparison

The future navigation structure will allow users to log out and log back in under a different account with restarting the application. All else is the same.

Login Screen

Welcome Screen/Comparison Report History

View Previous Comparisons

Upload Files for Comparison