

Final Project Proposal
<Crossword Engine 5000>

Our crossword engine will have the capability to create a crossword skeleton when provided a text file containing a list of words. The program will create a completed crossword from the given words, and give the user the option to create a blank interactive crossword from the completed crossword to be played on the commandline.

Stretch goals:

- give the user the option to create/start their own crossword in a text file that adheres to some sort of syntax (tbd if we get to this part) to be converted into an interactive one by the program that can then be played on the terminal or added to further.

Eg.

```
H
E
L O
L I N U X
O E
```

- Allow for the user to save the randomly generated crossword in a text file to be used later, or to be shared with friends.