## **ECE554 FINAL PROJECT CONCEPT**

## TOUCH TYPING WORKOUT

2023, Kyrylo Krysko, coder@umich.edu

"Touch Typing Workout" is a standalone app meant to develop and test "touch typing" skills with English keyboard.

Typing without looking on keyboard is enabled by muscle memory, which is also sometimes called procedural memory, and is involved with learning and mastering motor skills. To gain this skill human needs to spent 10-15 hours on practicing and Touch Typing Workout will be an awesome tool for this. It will allow user reach 40 words per minute typing speed.

The application should be made in Python and works under Windows OS.

Touch Typing Workout will have two core parts, lessons and tests. Learning program will include set of lessons followed by a test. After each lesson or test user will be able to observe the progress of a study (using accuracy, speed, rhythm of typing metrics) in form of a graphics.

The application UI displays task for a user in form of text (which letters to type) and provide results on keyboard image (what letters were actually pressed).

