

LCOM: Project Proposal – T04G01

TypeRacer

Members:

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Description:

In TypeRacer, players complete typing tests of various texts as fast as possible, competing against themselves or with another player. We will add a mouse functionality where in a first stage the player needs to order some words into the text.

Functionalities desired:

- Main Menu
- Single Player
- Multi Player
- Leaderboard
- Drag and Drop with mouse
- Keyboard typing
- Actual time and date display

Devices:

- Timer: Keep a fixed frame rate
- Keyboard: Typing the various texts
- Mouse: Drag and drop a word to a correct position
- Video Card in graphics mode: User interface
- RTC: Indicate actual date and time
- Serial Port: Real time multiplayer

Workplan:

- Sem 16-May: Keyboard Writing mechanic; Mouse Drag and drop; First sketch of UI
- Sem 23-May: Finish main mechanics and integrate all together
- Sem 30-May: Main Menu and Leaderboard
- Sem 06-Jun: RTC and Serial Port