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Project Proposal – New Rally Y: A tribute edition

W4840

My project proposal is a tribute video game called “New Rally Y” which is going to be a tribute to the classic retro game “New Rally X” which has been stuck in my head since the beginning of the course. I used to play this when I was younger on one of the “portable arcade” gimmick joysticks. To get the gist of what I’m trying to emulate, a video of New Rally X is here (<https://www.youtube.com/watch?v=ssB-FTfuH3U>). Honestly, I’m not sure about who I’m working with, I’m still unable to really meet my lab 1 partner for the hardware and don’t have the board on me. New Rally Y is going to be a simple arcade game where the player moves around a small maze and collects flags, while also having the smoke option to eliminate the competition which only serves to essentially pac-man ghost you aka collide and end you. The maze will probably start simple, maybe no maze at first since collision detection, but once I get the flag and player character moving then I’ll upgrade it.

Hardware side I’d have to have a screen to for the player to see the character move, an audio device to have clicks for the player to have responsiveness in the car movement at least (I’m not sure if I’ll be able to find good retro music to play since my tastes are awful and no music is better than bad music), either a d-pad or a joystick setup for player movement and a button either to smoke or boost or two buttons for both (probably start them off as monkey buttons that do nothing).

Software side I’d want to implement first the player character that can move, the point system from collecting flags, the maze/map (square first with collision on the side, then hopefully something with obstacles), then I’d consider the enemy ai that chases you or collides with you (maybe just random movement at start before a seeking one or both), then the smoke or boost system or both for the button presses.

I’m not really sure how I’ll go about this, hopefully the labs prepare me to do this project. Honestly I’m so sure what I would want to do besides something like this, as it’s really the only inspiration I have at the moment, but I’m honestly fine with being assigned another group as I’m super confused as to partners at the moment so I’m expecting to work with it solo. Theoretically I might be working with Ben Phillip Osuri (bp2613) but honestly I wouldn’t bet on it since I haven’t really been able to meet up and talk with him at all so really expecting him to dip and I’m going to work on it solo somehow and figure out the hardware issue.