Pizza Delivery Supreme

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CMPS 3350

Overview:

Have you ever wanted to work minimum wage delivering pizzas? Of course not, but now you can! Avoid pedestrians and other vehicles on the road! Fight against the clock! Pay your victims' horrific medical bills! In Pizza Delivery Supreme!

Technical Requirements:

➔ Programming in C++

➔ Graphics package with OpenGL

➔ Inputs

◆ Keyboard

● A - D -> Turning

● W - S -> Accelerate / Decelerate + Forward / Reverse

● Esc -> Pause Menu

◆ Mouse

- Initiate and close deliveries

- Daily options selections

Product Features

→ Physics:

◆ Collision detection with pedestrians, vehicles, and other obstacles

◆ Acceleration/deceleration of the motorcycle

◆ Motorcycle turning

→ Art:

◆ 2d Top-down view

◆ Rotating motorcycle sprite

◆ Sound effects and music

→ System

◆ Moving pedestrians and vehicle obstacles

◆ Money tracking for deliveries

◆ Lose money when colliding with obstacles

Goals:

→ Time Simulator

→ In game currency

→ Daily money-based decision making

→ Lose if you go too far into debt - restart from scratch

→ Over three levels with higher difficulties

→ Late delivery results in a write-up

→ Termination after 3 late deliveries