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| Group name | Fontys Automotive |
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| Project description | Driving simulator built for Fontys Automotive. The project consists of two parts, the simulator and the world creation tool.  The simulator can be used on different devices but the program works best on the DriveSim device (fig 1). This device is built from an actual vehicle and uses an advanced hydraulics system to simulate a real driving car.  The project has various applications such as:   * Driving lessons to people with disabilities. * Test efficiency of specific road combinations. * Testing the reaction time of drivers.   Using the world creation tool the user is able to create a realistic environments with specific driving situations.  In the world creation tool the user can create a custom world using different building blocks.   * Road pieces (with or without traffic lights) * Buildings * Decoration (trees, recycle bins) |

Picture(s):

