

Group 8 Final Report Summary

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Project Description

The game, titled "Ice Cream Truck Run", involves an ice cream truck given the task of navigating through busy roads to reach all four shop locations. The gameplay includes 4 shop locations, weight values to the roads, and fuel system for tracking. The game aims to entertain and subtly teach time and money management.

Scope of the Work

The game targets any user able to use and operate a phone or computer. It differentiates itself from other apps by being game-based, appealing to younger audiences, and teaching through engaging, low-risk scenarios.

Scope of the Product

The game requires a computer or smartphone with internet connectivity for account creation and score tracking.

Naming Conventions and Definitions

Defined some of our key terms that are unique in some way from the conventional use of the term.

Deliverables

Our three different release versions are screenshotted and displayed. Specific features that were implemented within each release are documented thoroughly to show the change that occurred between releases. The largest change being between our first and second release, and the most challenging change being between our second and third release.

Testing and Inspection

Testing procedures and results constitute a significant portion of the report. Our tests consist of input processing, collision detection, resource tracking, screen transition, map generation and rendering, and store interaction tests. It lists specific components to be tested and their respective specifications, followed by test results and regression testing. Inspection findings and resolutions are also documented, highlighting enhancements made to various game components based on the inspection results.

Project Issues

This section discusses the choices made throughout the development of the game. It mainly goes over ideas that we had along with reasons we did or did not pursue those ideas. Our section with

a retrospective goes over how we liked the way our group worked and implemented solutions, but we believe that more frequent meetings could have been a huge help.

Glossary and References

Lastly, it concludes with a glossary of terms used throughout the report and a list of references that guided the project timeline.