Vision and Scope Document

for

Track-Surf

Version 1.0 approved

Prepared by SEPM Group 1

MSc Computer Science

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Revision History

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| --- | --- | --- | --- |
| **Name** | **Date** | **Reason For Changes** | **Version** |
| Sergio Zavarce | 10/01/2021 | Group revision with stakeholders | 1.0 |
|  |  |  |  |

# Business Requirements

## Background

Our client, **GROUP 2,** a children’s toy manufacturing company,has requested software to be developed for their proposed new toy and has provided a list of specific requirements to guide our team in developing this product.

## Business Opportunity

The product is part of the company’s corporate strategic direction and fits a necessity that was communicated through their stakeholders. The company is entering a very competitive scenario with the conviction that they have a right strategy to participate with a market share.

## Business Objectives and Success Criteria

The success of the project will be measured by meeting specific requirements which will be tested by stakeholders and approved in a User Acceptance Testing session. Time specific requirements should also be fulfilled, which represent the most important factor that could influence success.

## Business Risks

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Risk** | **Priority** | **Probability** | **Impact** | **Mitigation** |
| Misunderstood requirements | High | Medium | High | - User stories in Gherkin language accepted by business stakeholders  - Constant communication  - Feedback from users |
| Scope creep | High | Medium | High | - Definition of Done document  - User’s involvement  - Project plan accepted by stakeholders  - Vision Identification Document  - Project Initiation project |
| Employee turnover | Medium | Low | Medium | - Information sharing  - Pair programming |
| No single point of failure | Low | Low | Low | - Knowledge sharing  - Multiple point of contact |

# Vision of the Solution

## Vision Statement

After conducting a thorough requirements analysis, our team concluded on developing a multi-platform car racing game suitable for children. This proposal contains sections explaining our chosen project management methodology and the expected outcome for each phase of the project.

## Major Features

**Functional Requirements:**

* The UI should be usable with one hand.
* Sounds are to be muted with a single key/button press.
* Additional language(s) should be available.
* The device should be controllable by Keyboard/Mouse or Touch.
* The game should allow users to create a profile.

**Non-Functional Requirements:**

* The device should be safe for use by children.
* The game should keep a young child entertained.
* The game should have limited, controlled access to the internet.
* The game should be simple/intuitive to use.
* Data should be stored in an efficient manner.

## Assumptions and Dependencies

It is assumed that the architecture used to install the software is a recognized operating system that supports Python 3. The device where the game is going to be executed should have keyboard and mouse since some stakeholder’s requirements involve its use.

# Scope and Limitations

The project scope will be determined by the business requirements, more specifically depicted under the section 2.2 (major features). The delivery will include the source code and instructions to be executed. User support after release will not be carried out beyond stakeholders.

Requirements can be redesigned, but no extra requirements will be added beyond the major features stated in this document, unless they are so important for the successful implementation of the project that initial scope must be modified to accommodate them. In that case, budget, schedule, resources and scope should change accordingly.