



UTP
UNIVERSITI TEKNOLOGI PETRONAS

BALLOON BLASTER

SEPTEMBER 2024

TFB 1033/TEB 1043

OBJECT ORIENTED PROGRAMMING

PROJECT REPORT

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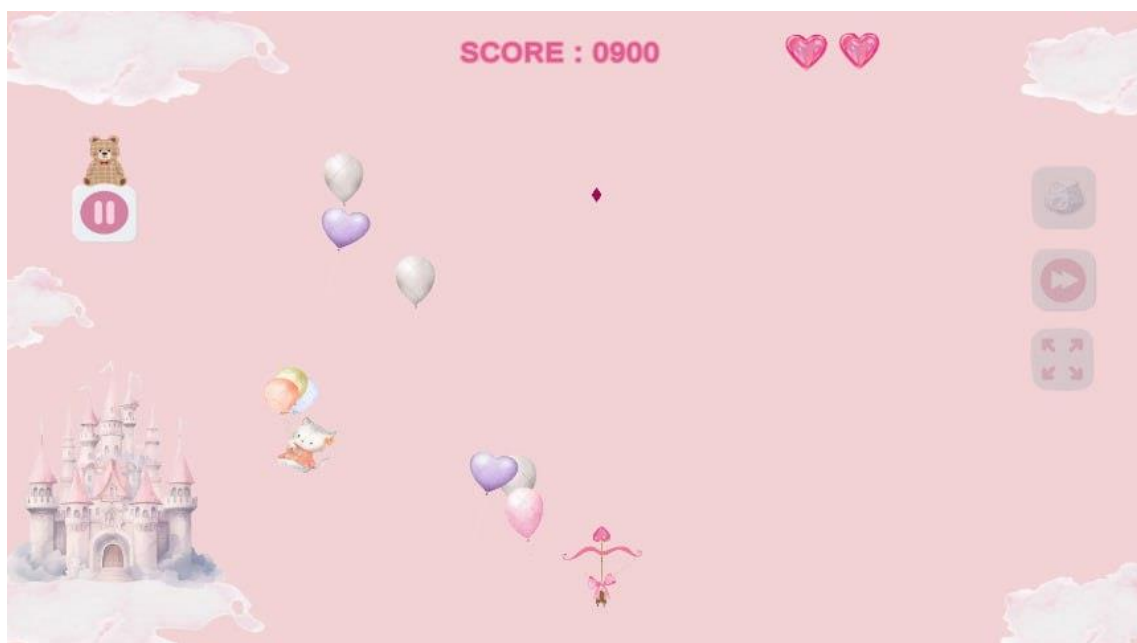
1.0 PROJECT DESCRIPTION

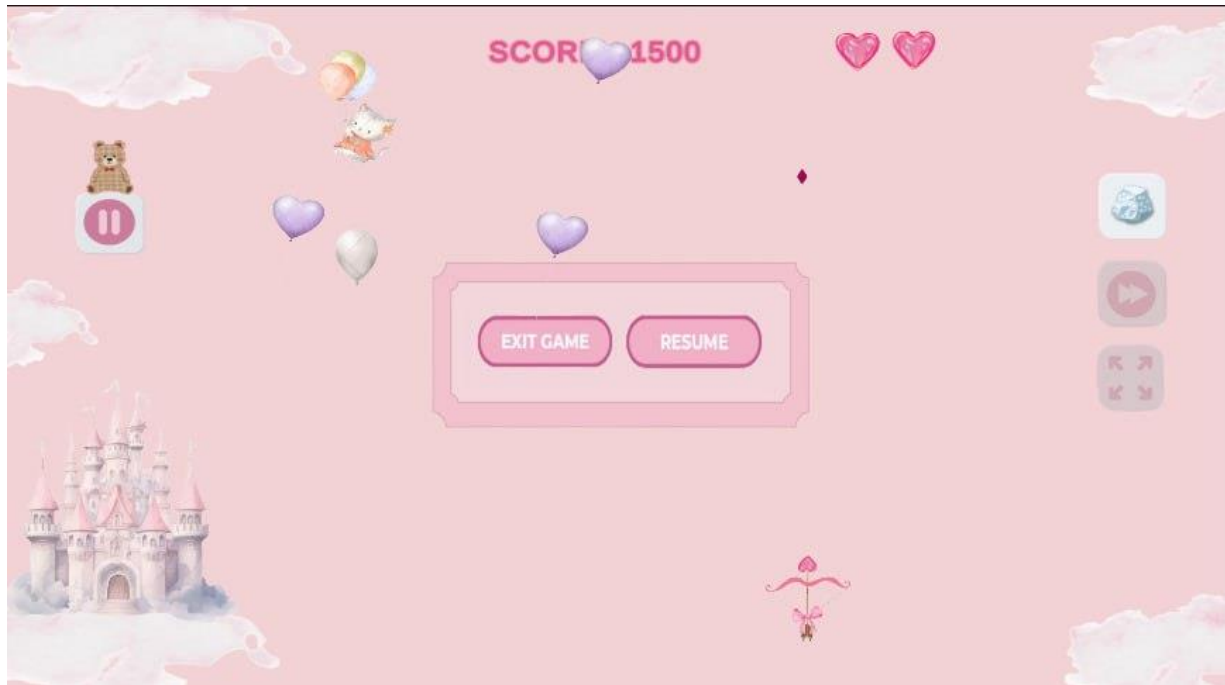
Balloon Blaster is an exciting swarm-based arcade game inspired by the classic aerospace shooter genre. Players control an archer tasked with shooting arrows to pop balloons while avoiding obstacles and managing power-ups to achieve high scores. The game features a dynamic swarm of balloons, each offering different points: Purple Balloons are worth 150 points, Pink Balloons 200 points, and White Balloons 250 points. As players accumulate points, they unlock powerful abilities to enhance gameplay. The Freeze Button, unlocked at 1000 points, stops the spawning of cat enemies. The Fast Button, available at 5000 points, increases arrow speed, while the Larger Button, earned at 3000 points, makes balloons bigger for easier targeting.

Players must avoid hitting cats, which act as obstacles. Each hit reduces the player's lives by one, and with only three lives available, the game ends when all are lost. To enhance the experience, players can adjust sound settings and refer to an in-game instruction menu for guidance. With its blend of quick reflexes, strategic power-up usage, and precision aiming, Balloon Blaster delivers an engaging and immersive gaming experience. Can you master balloons, dodge the cats, and reach the highest score

2.0 SCREENSHOTS







3.0 UML DIAGRAM



4.0 EVALUATION OF PLATFORM

Unity is a popular platform for creating games and other interactive projects because it is easy to use and highly flexible. It supports multiple platforms, allowing developers to build once and launch their projects on PCs, mobile devices, consoles, and more. Its simple interface, combined with the use of C# for scripting, makes it beginner-friendly while still offering advanced tools for experienced users. Unity's Asset Store provides a wide range of ready-made resources, helping developers save time and effort.

We chose Unity because it is versatile and accessible. Whether you are new to development or an expert, Unity provides the tools and support to create high-quality projects. Its large community and extensive tutorials make it easier to learn and solve problems. Overall, Unity is a reliable and powerful platform for bringing creative ideas to life.