Finite State Machine Diagram

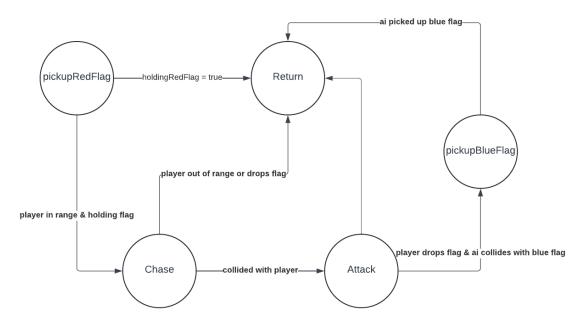


Figure 1: Finite State Machine Diagram (Skyler, 2024).

Prefabs



Figure 2: Arena Prefab (Skyler, 2024).

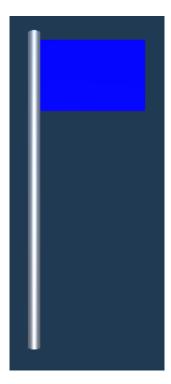


Figure 3: Blue Flag Prefab (Skyler, 2024).

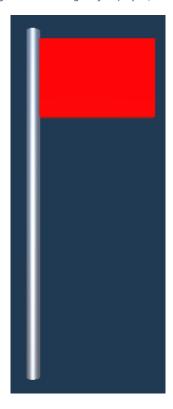


Figure 4: Red Flag Prefab (Skyler, 2024).

List of Figures

Figure 1: personal drawing of Finite State Machine Diagram (Skyler, 2024).

Figure 2: personal drawing of Arena Prefab (Skyler, 2024).

Figure 3: personal drawing of Blue Flag Prefab (Skyler, 2024).

Figure 4: personal drawing of Red Flag Prefab (Skyler, 2024).

Reference List

A.I State Machine Made EASY (Unity) – Sebastian Graves. 2021. YouTube video, added by Sebastian Graves.[Online]. Available

at: https://www.youtube.com/watch?v=cnpJtheBLLY&t=156s&ab_channel=SebastianGraves[
Accessed 22 March 2024].

C# Coding Events 6.3 - Adding a Tag to an Event – Christopher MacLeod. 2020. YouTube video, added by LaunchCode. [Online]. Available at:

https://www.youtube.com/watch?v=KwAqPy2nDsU&t=105s&ab_channel=LaunchCode [Accessed 13 March 2024].

Capture the Flag PUN 2 Tutorial - Unity and Playmaker – Philip Herlitz. 2021. YouTube video, added by Philip Herlitz. [Online]. Available at:

https://www.youtube.com/watch?v=JTV8Z128Ik8&t=52s&ab_channel=PhilipHerlitz [Accessed 13 March 2024].

Considine, S. Arena Prefab. [Personal drawing]. Johannesburg: Unpublished

Considine, S. Blue Flag Prefab. [Personal drawing]. Johannesburg: Unpublished

Considine, S. Finite State Machine Diagram. [Personal drawing]. Johannesburg: Unpublished

Considine, S. Red Flag Prefab. [Personal drawing]. Johannesburg: Unpublished

How I made capture the flag for my udemy course! – inScope Studios. 2020. YouTube video, added by inScope Studios. [Online]. Available at:

https://www.youtube.com/watch?v=T45FWLD1xIk&t=103s&ab_channel=inScopeStudios [Accessed 13 March 2024].

How to make a BOSS in Unity! – Asbjørn Thirslund. 2020. YouTube video, added by Brackeys. [Online]. Available at: https://www.youtube.com/watch?v=AD4JIXQDw0s&t=215s&ab_channel=Brackeys [Accessed 19 March 2024].

How to Make a Pick up System in UNITY With Rigidbodies [C#] [Unity3D] – Rytech. 2021. YouTube video, added by Rytech. [Online]. Available at:

https://www.youtube.com/watch?v=Gy5HoXIvL1E&t=255s&ab_channel=Rytech [Accessed 12 March 2024].

How to pick up / drop objects - Unity Tutorial – Benjamin Knower. 2022. YouTube video, added by Benjamin Knower. [Online]. Available at:

https://www.youtube.com/watch?v=PLL18sDQCNo&t=13s&ab_channel=BenjaminKnower [Accessed 13 March 2024].

How To Pick Up an Item - Unity - Gunzz. 2022. YouTube video, added by Gunzz. [Online]. Available at: https://www.youtube.com/watch?v=zEfahR66Pa8&t=37s&ab_channel=Gunzz [Accessed 13 March 2024].

HOW TO PICK UP AND PLACE / THROW OBJECTS WITH C# - Mini Unity Tutorial - EASY & FUN – Jimmy Vegas. 2018. YouTube video, added by Jimmy Vegas. [Online]. Available at:

https://www.youtube.com/watch?v=IEV64CLZra8&t=496s&ab_channel=JimmyVegas [Accessed 13 March 2024].

HOW TO PROGRAM - Getting Started! – Asbjørn Thirslund. 2020. YouTube video, added by Brackeys. [Online]. Available at:

https://www.youtube.com/watch?v=N775KsWQVkw&t=2s&ab_channel=Brackeys [Accessed 13 March 2024].

How to Setup Git LFS for New and Existing Projects (Works With Unity) – Max O'Didily. 2024. YouTube video, added by Max O'Didily. [Online]. Available at:

https://www.youtube.com/watch?v=4Ln6iRh LTo&ab channel=MaxO%27Didily [Accessed 21 March 2024].

Picking Up and Carrying Objects | Unity 3D – Noblob. 2022. YouTube video, added by Noblob. [Online]. Available at: https://www.youtube.com/watch?v=jqbrq-Elypk&t=115s&ab_channel=Noblob [Accessed 12 March 2024].

SCORE & UI - How to make a Video Game in Unity (E07) — Asbjørn Thirslund. 2017. YouTube video, added by Brackeys. [Online]. Available at:

https://www.youtube.com/watch?v=TAGZxRMloyU&t=79s&ab_channel=Brackeys[Accessed 21 March 2024].

Unity Collisions Tutorial - How To Use Colliders and Triggers in Unity | Unity 5 Tutorial - Bilal. 2017. YouTube video, added by Bilal. [Online]. Available at:

https://www.youtube.com/watch?v=6C4KfuW2q8Y&t=320s&ab_channel=Bilal [Accessed 12 March 2024].

Valve's "Secret Weapon" – Game Maker's Toolkit. 2023. YouTube video, added by Game Maker's Toolkit. [Online]. Available at:

https://www.youtube.com/watch?v=9Yomqk0C6kE&t=7s&ab_channel=GameMaker%27sToolkit [Accessed 13 March 2024].