**Duration Estimate  
Gant Chart**

**The Flying Mongooses**

**4601 Mid Rivers Mall Dr**

**Cottleville, MO 63376**

**Date**

**7/3/21**

**Table with Explanations:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Durations Estimate** | | | | | | |
| **Project: Turn-Based Combat Game** | | | | | **Date: 7/3/21** | |
| **Activity** | **Resource(s)** | **Optimistic** | **Most Likely** | **Pessimistic** | **Estimated Activity Duration** | **Reserve** |
| PvE Combat Design | Unity, online tools, Open source assets | 1 week | 2 weeks | 3 weeks | 2 weeks | +/- 1 week |
| UI/GUI design | Unity, online tools, open source assets | 1 Week | 2.5 Weeks | 3.5 Weeks | 2.5 weeks | +/- 0.5 weeks |
| AI Design | Unity | 2 Weeks | 3 weeks | 4 weeks | 3 weeks | +/- 2 weeks |
| Audio Design | Unity, open source tools | 1 week | 2 weeks | 3 weeks | 2 weeks | +/- 1 week |
| Animations | Unity, open source animations | 1 week | 2 weeks | 3 weeks | 2 weeks | +/- 1 week |
| Leaderboard system | Unity, SQL, open source tools | 2 weeks | 3 weeks | 4 weeks | 3 weeks | +/- 1 weeks |
| Online systems |  | 3 weeks | 4 weeks | 5 weeks | 4 weeks | +/- 2 weeks |
| Leveling and Inventory Systems | Unity, open source tools and assets | 1 week | 2 Weeks | 3 Weeks | 2 Weeks | +/- 1 week |
| Combat Arena | Unity, Open source tools | 0.5 weeks | 1 week | 1.5 weeks | 1 week | +/- 0.5 weeks |
| Endless Game Mode |  |  |  |  |  |  |
| Additional Menu Functionality |  |  |  |  |  |  |
| Online Systems |  |  |  |  |  |  |
| Additional Combat Arena | Unity, Open source tools | 0.5 weeks | 1 week | 1.5 weeks | 1 week | +/- 0.5 weeks |

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