**IGDV Development Management: A Critical Evaluation of Project Management Methodologies**

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Abstract

In the game development industry, project management is a key factor to ensure a smooth development process. This report will discuss how data can be generated and collected through different project management methodologies (PMM), the results of this report will assist indie and AAA companies in making a more calculated decision on the most optimal management technique for their project development process.

Keywords

Project management methodologies, Agile, Waterfall, Game development, Project success, Development process, Data, Communication

Introduction

With the rate of technological innovation and the increased challenges within the digital creative industry (Parmentier and Mangematin, 2014), PMM has needed to accommodate the new projects of today. PMM is defined as a set of methods, techniques, procedures, and rules used during a projects development process.

PMM is meant to enhance and increase the likelihood of the success of the project during the development phase, however, PMM just provides the structure to guide the project in a certain direction it does not guarantee success. When deciding on the optimal PMM for a project several factors must be considered before starting development.

One of these factors

Game Development management

Agile Management

Scrum

Extreme Programming

Scrumban Or Feature Driven Development

Waterfall Management

V Model

RAD

SSADM or Prince 2

Results and Discussion

Conclusion