# Project Overview

Project Name: D2.Data.Api

Project Description:

This is a library and REST API that can be used to acquire data from Destiny2 servers that can then be used to seed a Front End or tied into an ETL pipeline etc.

Project Objective:

This project will provide the needed tools to pull from destiny2 servers the information an arbitrary Fron End might need.

Start Date: 2/27/2025

End Date: \*\*/\*\*/\*\*\*\*

# Business Need

Necessity:

To improve the availability of Destiny2 data.

Beneficiary:

Other Developers looking to make use of Destiny2’s Data.

# Strategic Alignment

The D2 Data project is a perfect fit for the Brands image: Automating, providing a data pipeline and enhancing data availability is what I enjoy doing.

# Scope

Features:

Functions:

Deliverables:

# Options

**Alternatives**: We could use SSI\* or Spark, but these alternatives are over-engineered for the size of this project. Libraries like Pandas or Polars will be used but not to the extent that they are normally implemented.

**Reason for Current Choice**: We are using a custom data pipeline and raw implementation because the amount of data is less than 1TB and can be managed on a single trivial OTC machine.

# Benefit Analysis and ROI

<BusinessCaseCostbenefitAnalysis.xlsx>

# Risks & Dependencies

|  |  |  |
| --- | --- | --- |
| **Risk Factor** | **Probability** | **Mitigation Strategy** |
| Time Overrun | Medium | Set milestones, track progress weekly |
| Skill Gaps | Low | Utilize online resources and documentation |
| Job Market Variability | Medium | Network actively and tailor project for industry needs |

# Project Timeline

The project is estimated to take 120hrs

# Key Stakeholders

Me