

SPIDER-MAN

TEAM 50 - SYSTUM



CONTENTS

This presentation contains the Basic overview and the usage of our Spider-Verse Mini World Database that we have created. Following are the things Covered :-

01. Introduction

02. Purpose

03. Potential User-Base

04. Applications

05. Database Overview

06. Commands



INTRODUCTION

The Spider-Verse Mini-World database organizes information for Spider-People across dimensions, fostering communication and coordination in their multiverse battles. Serving as a central hub, it aids individuals like Peter Parker, Miles Morales, Gwen Stacy, and Mary Jane Watson in managing their superhero lives efficiently.

18 Relations

8 Commands



PURPOSE

The Spider-Verse Database centralizes vital information for Spider-People, enhancing coordination in missions across dimensions, tracking unique abilities, and serving as a platform for sharing mission details, threats, and allies.



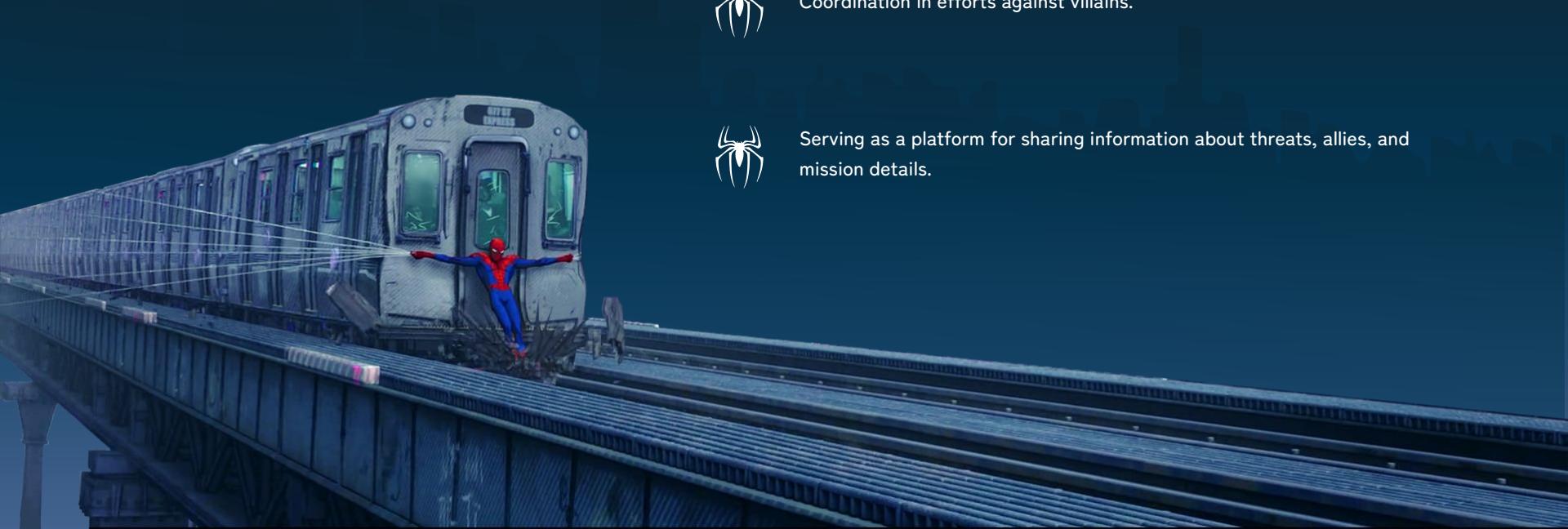
Centralization of mission-critical information and Tracking unique abilities and resources.



Coordination in efforts against villains.



Serving as a platform for sharing information about threats, allies, and mission details.



A large, modern skyscraper with a glass and steel facade is on the left. Spider-Man in his red and blue suit is climbing the building's exterior. In the upper right, a smaller, green and yellow version of Spider-Man is flying through the air. The background is a plain, light color.

POTENTIAL USER-BASE



SPIDER PEOPLE

Learn about fellow Spider-People, fostering collaboration. Share information and coordinate efforts against multidimensional threats.



SCHOLARS AND RESEARCHERS

Access the database for academic study of Spider-Verse characters, collecting data on inter-dimensional travel mechanics.



LAW ENFORCEMENT

Utilize the database to track and apprehend criminals crossing dimensions, enhancing cross-dimensional law enforcement efforts.



DIMENSIONAL COUNCIL OR AUTHORITIES

Maintain order by keeping tabs on various Spider-People and their activities, utilizing the database as a governance tool within the Spider-Verse.

APPLICATIONS

Threat Assessment

Sharing information about villains and their activities

Mission Planning

Coordinating missions, tracking progress, and sharing mission details.



Resource Sharing

Managing and sharing resources like web fluid, gadgets, and knowledge about new discoveries

Multiverse Exploration

Recording discoveries about different dimensions

DATABASE OVERVIEW

The Spider-Verse Mini-World database assumes a focus on key characters with unique abilities across dimensions. It tracks essential attributes such as character name, dimension, abilities, missions, and connections. The database also monitors villains and threats, detailing capabilities and hideouts, with a dedicated section for mission logs. It accommodates organizations like superhero teams with objectives and locations, and is flexible enough to include side characters with optional attributes. These assumptions succinctly outline a comprehensive yet streamlined platform for Spider-Verse dynamics.



7

ENTITIES

We have 5 Strong and two Weak Entities.

Strong: SpiderPerson , Villain , Mission , Organization , Side Character

Weak: Research Notes , Equipment

8

Relation Types

We have 8 Relationship Types containing some Recusive and some Identifying Relationships.

Few Relationship types are
Mentors(SpiderPerson - SpiderPerson) , Faces
Off Against(SpiderPerson - Villains), etc.

3+

Degree Relationship

We have a Relationship with degree >3 .

Name : Dimension(SpiderPerson, Villain , Side Character , Mission , Organisation)

COMMANDS

Simple SQL Query

This operation allows users to input an entire SQL query for execution.

Deletion

This operation enables the user to delete some datapoints from the database in various tables when some events occur such as outdated Mission Logs or Eliminate defeated villains ,etc.

Aggregate

This Operation can be employed to some Processed Data like Average Threat Level of Villains or Number of SpiderPersons in each Dimension , etc.

Analytical

This operation enables the user to get some Reports like SpiderPerson Efficiency Report , Villain Opposition Network Report and Equipment Usage Report.

Insertion

This operation enables the user to insert new datapoints in the database in various tables.

Projection

This operation can be employed to get various types of data ,like SpiderPersons and their Abilities or their associated Equipments they use , etc.

Search

This operation enables the user to search through the database for some particular data like Search for Villians of SpiderPerson's ID, or Search fro Equipments by SpiderPerson's ID , etc.

Update

This operation enables the user to update datapoints like SpiderPerson Strengths and Connections , Villain Threat Levels and Equipment Entries.



THANK-YOU!

<https://github.com/MohakSomanji/Data-Applications/tree/main>

