

Title: Yune's Whispers - A Supplementary Tool for Fire Emblem: Radiant Dawn
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Section I: Background

This project is based on the tactical role-playing video game series, [Fire Emblem](#). It specifically focuses on the entry [Radiant Dawn](#), but also includes data from its directly connected predecessor, [Path of Radiance](#).

Problem

Radiant Dawn differs from other games in the series in that the storyline jumps between various factions. This results in a complicated list of playable characters, as none of them remain consistently playable throughout most of the story. Having to keep track of all of this can come off as intimidating to anyone potentially interested in the game and drive them away. We are aiming to solve this problem by creating an application to serve as a supplementary tool for the two games.

Novelty and Challenges

Novelty

- Learning backend programming and database APIs
- Make a beautiful website so that users can quickly find his research result
- Incorporating interactive elements like a character timeline or a faction flowchart.

Challenges

- Ensuring the accuracy and completeness of the game data.
- Making the application scalable to accommodate future series entries or user generated content.

Explanation

Character databases for both games (example below for Radiant Dawn)

Base Stats				
Name	Class	Lv	HP	[...]
Micaiah	Light Mage	1	15	
Edward	Myrmidon	4	19	
Leonardo	Archer	4	17	



Playthrough Planner

- Create and view team rosters for every chapter

Chapter 1-7	Chapter 1-8
Units Allowed: 9	Units Allowed: 12
Current Team	Current Team
<i>Micaiah</i>	<i>Micaiah</i>
<i>Sothe</i>	<i>Nailah</i>
<i>Volug</i>	<i>Sothe</i>
Edward	Edward
Leonardo	Leonardo
Available	Available
Ilyana	Ilyana
Nolan	Nolan

Comparison Tool

- Compare character base stats, growth rates, and average stats at different levels.
- Can also be used for individual analysis of a character (input current stats to compare to average)

		
	Micaiah	Ilyana
	Base Stats	
Starting Class	Light Mage	Thunder Mage
Lv	1	12
HP	15	22
Str	2	6
Mag	7	12
	Average Stats at Level 18	
Lv	18	18
HP	21.8	25.3
Str	4.55	8.7
Mag	20	15

Section II: Rubric

This assignment is graded out of 100 points.

[5pts] Schemas with primary keys and foreign keys have been defined for SQLite.

[30pts] The character databases have been implemented. The user is able to search, filter, and sort the lists.

[20pts] The playthrough planner has been implemented.

[20pts] Application Interface and Usability

[15pts] Quality Assurance and Testing

[10pts] Documentation and Code Quality

Section III: References

Data taken from:

<https://serenesforest.net/path-of-radiance/>

<https://serenesforest.net/radiant-dawn/>

https://fireemblem.fandom.com/wiki/Fire_Emblem:_Radiant_Dawn