

Database Management System (DBMS)

Genshin Team

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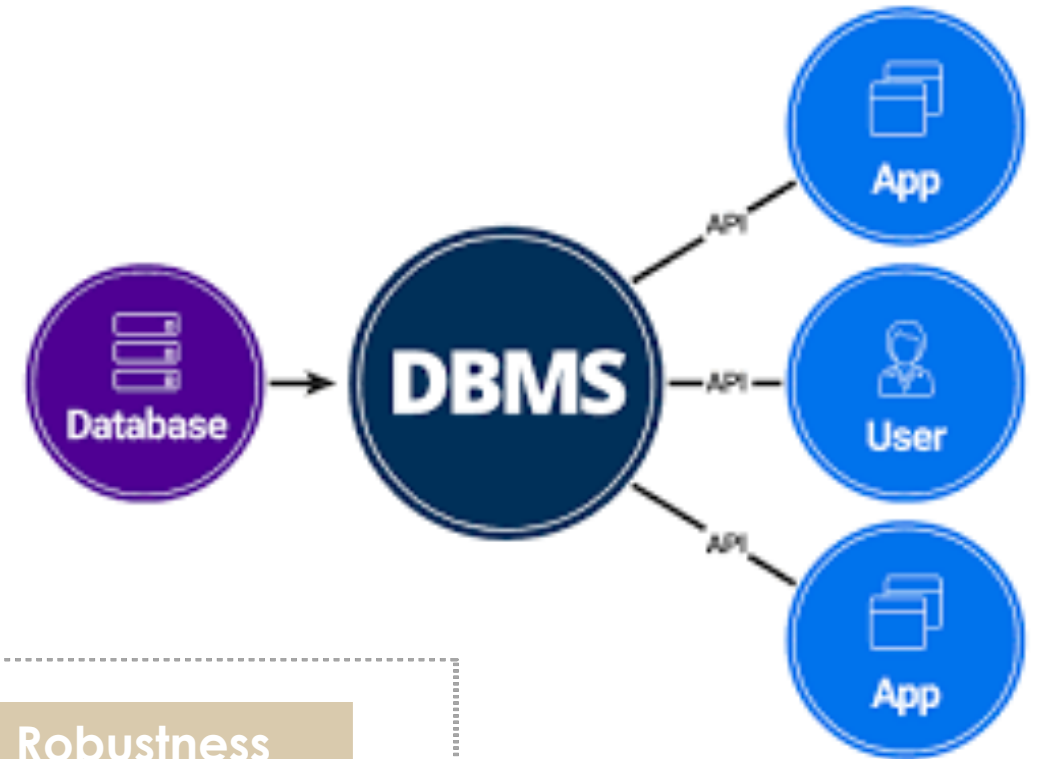
What we can summarize
and learn from this project?



Background

What is DBMS ?

A database management system (DBMS) is system software for **creating and managing databases**. A DBMS makes it possible for end users to **create, protect, read, update and delete data** in a database.



Work to be done

System
Implementation

Query
Language
Design

Robustness
&
Extensions

Introduction

Our Goal

Design a **well-implemented** miniature relational database management system with **necessary extensions** and **great robustness**.

System framework

Database Management System					
Basic Function		Extensions		Robustness	
Database Creation	Row	Function Call	Unknown Function		
Table	Interpreter	Group and Order	Unknown Column& Table		
Condition		Better Print Layout	Unknown Keyword		

Functions

Real machine demonstration

Basic Function

Database Creation

Row

Table

Interpreter

Condition

Extensions & Robustness

Real machine demonstration

Extensions	Robustness
Function Call	Unknown Function Type
Group and Order	Unknown Column and Table
Better Print Layout	Unknown Keyword

Conclusion

What else can we do?

- Nice GUI
- Other Complementary Functions
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What we've learned?

- Cooperation of software within a database management system
- How query language are processed and understood by System
- Using Github
- Teamwork is crucial
- Hard work!
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Q&A

We are Team Genshin!

Ask us anything about our project !