Applied Research

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Version history

Version	Date	Changes	State
0.1	02 Oct 22	Create this document	In progress

Contents

1. Introduction 2
2. Research question 2
3. Sub-question result ..... **Error! Bookmark not defined.**
   - 3.1 What are the differences between MySQL and MongoDB? .... **Error! Bookmark not defined.**
     - MySQL ..... **Error! Bookmark not defined.**
     - MongoDB ..... **Error! Bookmark not defined.**
   - 3.2 What are the similarities between MySQL and MongoDB? .... **Error! Bookmark not defined.**
   - 3.3 What is the performance and speed between MySQL and MongoDB? . **Error! Bookmark not defined.**
   - 3.4 How is the data being stored between MySQL and MongoDB? ..... **Error! Bookmark not defined.**
   - 3.5 How is the data relationship between MySQL and MongoDB? ..... **Error! Bookmark not defined.**
   - 3.6 How does querying work in MySQL and MongoDB? ..... **Error! Bookmark not defined.**
   - 3.7 Which database suits my use cases for my website? ..... **Error! Bookmark not defined.**
4. Conclusion to the main question. ..... **Error! Bookmark not defined.**
5. References 3

1. Introduction

The purpose of this document is the conduct some research on which type of database is best to use on Online Boutique Shopping Cart. For research purpose we are going to settle between MySQL and MongoDB, to see what the best option are.

2. Research question

Which database is best to use on Boutique Shopping Cart?

1. **What are the differences between MySQL and MongoDB?**

Strategy: library
Methods: community research, literature study, SWOT analysis

2. **What are the similarities between MySQL and MongoDB?**
   Strategy: library
   Methods: community research, literature study
3. **What is the performance and speed between MySQL and MongoDB?**
   Strategy: library
   Methods: community research, SWOT analysis
4. **How is the data being stored between MySQL and MongoDB?**
   Strategy: library
   Method: community research, SWOT analysis
5. **How is the data relationship between MySQL and MongoDB?**
   Strategy: library, workshop
   Method: community research, SWOT analysis, gap analysis
6. **How does querying work in MySQL and MongoDB?**
   Strategy: library, workshop
   Method: community research, SWOT analysis, gap analysis
7. **Between MySQL or MongoDB, which one suits the use cases for on Boutique Shopping Cart?**
   Strategy: workshop, field
   Method: prototyping, explore user requirements

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