# SYSTEM DESIGN DOCUMENT

### **PREPARED FOR**

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# **PREPARED BY**

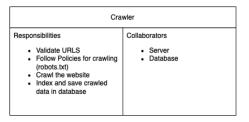
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# **CRC Cards**



Query		
Responsibilities	Collaborators	
Search the database for matching query	Server	

Server		
Responsibilities	Collaborators	
Handle HTTP requests to crawl the web and search the database     Process responses and return valid JSON	Crawler     Query     Frontend	

Database		
Responsibilities  Store the data of indexed websites Provide access to data of indexed websites	Collaborators	

Frontend		
Responsibilities	Collaborators	
Provide an easy search page to enter the query     Render search results	Server	

# **Architecture**

## **Tol Microservices Architecture**

