*Executive Summary: This architecture design was developed to Create and Read the data of URLs which are stored in the Database. The primary goals this design will accomplish are to Create, Read and analyse the data of URLs stored in the Database.*

*This document details the recommended implementation of a URL Storage and Counter based on specific business requirements. The document provides both logical and physical design considerations for all related infrastructure components.*

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| **ID** | **Requirement** |
| U01 | Store the URL given in the API call in a Database/In-memory Data-Structures |
| U02 | Return the Unique short key for the requested URL. |
| U03 | Return the count of number of times the URL is accessed. |
| U04 | Return the List of data of URLs for the provided Page Number and Size. |
| U05 | Return the Last Accessed date for the requested URL. |