System Design Notes

Feature - 12345

**Revisions**

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| **Version** | **Date** | **User** | **Modifications** |
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# Overview

Systems design notes based on:

* <https://www.educative.io/courses/grokking-the-system-design-interview>

## General Approach

* Requirement clarification:

## General System Estimation

--> use 80-20 rule, 20% of hot URLs generate 80% traffic, **per day**

## System Interface

## System Interface

# Designing NEXT

## Array

123

## Requirement and Goal of the System

Functional and none functional requirement

## Design Consideration

## Capacity Estimation and Constrains

## High level System Design

## Database Schema

## Data Size Estimation

## Component Design

## Reliability and Redundancy

## Data Sharding

## Ranking and News Feed Generation

## News Feed with Sharded Data

## Cache and Load Balancing