**Software Requirement Specification (SRS) Template**

Title: Google Home Page

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1. Introduction

* **Purpose**: Perform Text search based on the meta data of the page details on the internet. This is done through textual mapping.
* **Scope**: Image based search require images to be uploaded. Text searches should be with plain languages. Don’t give options for audio and video.
* **Background**: Search engine should be automated

2. Functional Requirements

* **Requirement 1**: Provide text box to type the search text. Provide button to click for submission.
* **Requirement 2:** Provide link icon to upload images for image-based search.
* **Requirement 3:** Provide speech to text conversion tool to identify language and convert to text. Provide search text in the same language.
* **Requirement 4:** Provide Search result list with top rated along with ARIA.
* **Requirement 5:** Language should be converted to English before search.

3. Non-Functional Requirements

* **Requirement 1**: Page should render less than 1 nano second.
* **Requirement 2**: UI/UX should be aesthetic.

4. Use Cases

* **Use Case 1**: User based search. List top searches from user or global.

5. System Architecture

* **Architecture Overview**: 3 tier architecture .UI, API to request.
* **Data Model:** Collection of indexed data

6. Constraints

* **Constraint 1**: Images should be in .jpg or .png format
* **Constraint 2**: [Description of the second constraint]

7. Assumptions and Dependencies

* **Assumption 1**: [Description of the first assumption]
* **Assumption 2**: [Description of the second assumption]

8. Glossary

* Define any technical terms, acronyms, or domain-specific terminology used in the document.

9. Revision History

* [Date and Version Number]: [Summary of changes made]
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