

# Software Requirement Specification (SRS)

Group 1

November 26 2024

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## Version History

Version	Date	Description
2.0	November 26, 2024	Filled out the introduction subsections 1.1 and 1.2.



# 1 Introduction

## 1.1 Purpose

The purpose of this project is to describe the detailed requirements and design considerations for our project: "Google Chrome Built-in AI Challenge", available at <https://googlechromeai.devpost.com/>

The project aims to leverage Chrome's built-in Artificial Intelligence (Ai) APIs to integrate functionalities powered by AI models such as Gemini Nano.

As for this SRS, the goal is for it to serve as a comprehensive guide for stakeholders, developers, and testers that helps them understand the requirements and design aspects of this project.

## 1.2 Intended Audience

The intended audience for this project is:

- **Developers:** Understanding the requirements and technical specifications for this project is very important for them to successfully integrate the API and properly design the user interface.
- **Testers:** That way they can review the functional requirements and devise test plans to validate the project's features.
- **Stakeholders:** So that they can ensure the project aligns with the goals of the Google Chrome Built-in AI Challenge and evaluate the outlined process for feasibility and compliance.

This document assumes the audience has some knowledge of software engineering principles, Chrome Extension development, and AI technologies.

## 1.3 Overview of the Software

The project is the development of a Chrome Extension or web application that uses Chrome's built-in Artificial Intelligence (Ai) APIs to integrate with other AI models. Some of the key aspects of the software include:

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This project serves as a guide for how to approach AI-driven browser-based applications that use Chrome's built-in capabilities and integrate them with other models.

## **2 External Interface Requirement**

### **2.1 User Interface**

### **2.2 Software Interface**

## **3 Legal and Ethical Considerations**

### **3.1 Data storage and privacy considerations**

### **3.2 Possible legal or ethical issue**