Software Design Document (SDD)

Group 1

November 20 2024

Contents
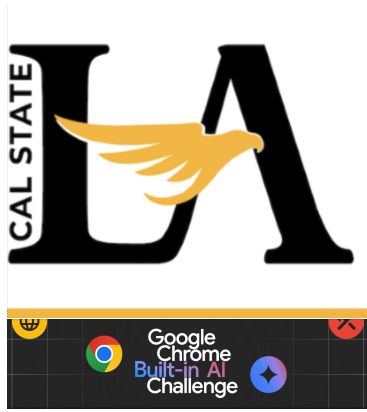
1 Introduction

The Mathematics term tag must be used to include a glossary just like the citation/references term.

1.1 Purpose

Our project is based on a competition from Google to use Chrome's built in Artificial Intelligence (Ai) API's to interact with Gemini Nano or other Ai Models in a web app or Chrome browser extension.

The competition is available at https://googlechromeai.devpost.com/

1.2 Intended Audience

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1.3 Overview

Our web application is a Project Management System similar to TestRails or Jira, using the built in Chrome Artificial Intelligence (Ai) API we will include ai generated descriptions and task creations with voice input. We use the Chrome developer documentation[1] as main reference for developing a chrome extension.

2 System Architecture

3 User Interface

References

[1] Google. *Chrome Developers.* URL: https://developer.chrome.com/docs/extensions/. (accessed: 11.15.2024).