

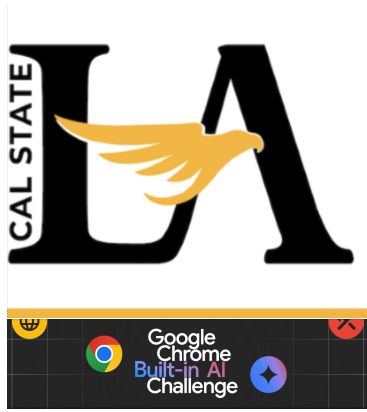
# Software Design Document (SDD)

Group 1

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## 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

### 2.1 Workflow

### 2.2 site breakdown

## 3 User Interface

**Create New Task**

Task Type

☒ Normal

☐ Bug Fix

☐ New Feature

☐ Other

Task Length (Days)

Task Name

Description

Notes

Cancel Review Create

The Ui is based on Material Ui[2], the create new task page is shown above.

### 3.1 Database

The database is a simple Mysql layout with a userid look table and a main task table. Users can only access tasks that were created by or shared to their userid.

## Glossary

**Artificial Intelligence (Ai)** an intelligence based on a computer system. 3

**mathematics** Mathematics is math is guess those don't need to match. 3

**Mysql** an open source database management system.. 4

**term** the definition of the term. 3

## References

- [1] Google. *Chrome Developers*. URL: <https://developer.chrome.com/docs/extensions/>. (accessed: 11.15.2024).
- [2] Mui. *Material*. URL: <https://mui.com/material-ui/>. (accessed: 12.1.2024).