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Software Design Template

Introduction

Scope

Provide a description and scope of the feature and explain the goals, objectives and benefits of your project. This will provide the basis for a brief description of your product.

Overview

Provide an overview of this document and its organization.

Add here any documents, which were used as sources of information for the feature

Terminology

Explanation of the terminology that will be used in this document to describe the feature.

Software design description

General Flow

Describe here the general flow, for example:

- Login to the app
 - User enter username
 - User enter password
 - Login pop up
 - See results
- If credentials are wrong - pop up error "Email or password incorrect, please try again"

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Software Architecture

Describe here all the relevant component, include old and new.

For each component describe the new functions.

Include error handling. You can use a diagram

User Interface

Describe the functionality of the system from the user's perspective. Include how to use, feedback from the user and all information that will be display to the user.

Add here screenshot.

Tests and Monitor

Tests

Describe here all new tests

Logs

Describe what's going to be logged, with attention to visibility and human-readability. Consider logging volume and assume log content need to be stored and maintained.

Alerts

Establish alerting rules based on the metrics you expose. Which parts of your logic will require alerting and based on what criteria?

A/B Testing

Should we A/B test the feature? how?