System Design Document - Yellow Project

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1 Introduction

1.1 Purpose of the System

In **AUTOSYS**, the main client is the **SystemReviewClient** who needs to set up a **STUDY** consisting of one or several **PHASES**. A **PHASE** will consist of one or more **TASKS** which need to be completed before moving on to the next **PHASE**. The **StudyParticipants** can work in different **ROLES** which we anticipate will be either as **REVIEWER** or **VALIDATOR**. Also the **StudyParticipants** will be working together on a **STUDY** in **TEAMS**, but multiple teams will not be working on the same **STUDY**. Furthermore **TEAMS** working on the same **STUDY** will be considered as one big **TEAM**.

1.2 Design Goals

- *Ease of doing study configuration*: To increase efficiency, when working on Study configuration. Intuitive, gestalt laws.

- *High Reliability*: To make it possible to work with data even if you have no internet connection. Auto save of configuration data.

- *Scalability in terms of the amount of users, teams, and roles*:

- *High performance for data request processing time*: indexing in the database,

2 Current Software Architecture

3 Proposed