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Chess Rating System
Supplementary Specification

Version 1.0

Revision History

Date	Version	Description	Author
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Table of Contents

Supplementary Specification

1.   Introduction

The purpose of this document is to capture the system requirements that are not readily captured in the use cases of the use-case model of the Chess Rating System. The Supplementary Specifications and the use-case model together capture a complete set of requirements of the system.

2.   Non-functional Requirements

2.1   Availability

The system is available 24/7 since it is a web service. There could be small down-times due to maintenance.

2.2   Performance

The system shall support up to 2000 users and 1000 games simultaneous at any given time.

2.3   Security

The user passwords will be encrypted in the database also the SQL injection is not possible.

2.4   Testability

The system is easily testable since it will be using a REST Framework. This can be done using a tool such as Postman.

2.5   Usability

The design will use a mobile-first approach, but the system will support all types of devices and the user will not need to worry about possible UI problems.

3.   Design Constraints

The server shall run Python 3.8.