

# System Verification and Validation Report for Chess Connect

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March 5, 2023

# 1 Revision History

Date	Version	Notes
2021-03-04	Arshdeep Aujla	Added Template for Nonfunctional Requirements
2021-03-05	Arshdeep Aujla	Added Table for functional requirements

## 2 Symbols, Abbreviations and Acronyms

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symbol	description
T	Test

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Refer to SRS Section 1 for an extensive list of used symbols, abbreviations, and acronyms.

# Contents

<b>1</b>	<b>Revision History</b>	<b>i</b>
<b>2</b>	<b>Symbols, Abbreviations and Acronyms</b>	<b>ii</b>
<b>3</b>	<b>Functional Requirements Evaluation</b>	<b>1</b>
3.1	Game Active State . . . . .	1
3.2	Game Inactive State . . . . .	1
3.3	Normal Mode . . . . .	1
3.4	Engine Mode . . . . .	2
3.5	Beginner Mode . . . . .	2
<b>4</b>	<b>Nonfunctional Requirements Evaluation</b>	<b>2</b>
4.1	Usability . . . . .	2
4.2	Performance . . . . .	2
4.3	etc. . . . .	2
<b>5</b>	<b>Comparison to Existing Implementation</b>	<b>2</b>
<b>6</b>	<b>Unit Testing</b>	<b>3</b>
<b>7</b>	<b>Changes Due to Testing</b>	<b>3</b>
<b>8</b>	<b>Automated Testing</b>	<b>3</b>
<b>9</b>	<b>Trace to Requirements</b>	<b>3</b>
<b>10</b>	<b>Trace to Modules</b>	<b>4</b>
<b>11</b>	<b>Code Coverage Metrics</b>	<b>4</b>
<b>A</b>	<b>Reflection Appendix</b>	<b>4</b>

## List of Tables

1	Requirements Traceability Matrix . . . . .	4
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## List of Figures

This document ...

### 3 Functional Requirements Evaluation

Refer to the VnV Plan for descriptions of the tests derived to evaluate the functional requirements.

#### 3.1 Game Active State

Test	Result	Notes
GA-1		
GA-2		
GA-3		
GA-4		
GA-5		

#### 3.2 Game Inactive State

Test	Result	Notes
GI-1		
GI-2		
GI-3		
GI-4		
GI-5		

#### 3.3 Normal Mode

Test	Result	Notes
NB-1		
NB-2		
NB-3		
ND-1		
NA-1		
NA-2		

### 3.4 Engine Mode

Test	Result	Notes
EB-1		
EB-2		
EB-3		
EB-1		
ED-1		
ED-2		
EA-1		
EA-2		
EA-3		

### 3.5 Beginner Mode

Test	Result	Notes
BB-1		
BB-2		
BB-3		
BB-4		
BB-5		
BD-1		
BA-1		
BA-2		

## 4 Nonfunctional Requirements Evaluation

### 4.1 Usability

### 4.2 Performance

### 4.3 etc.

## 5 Comparison to Existing Implementation

This section will not be appropriate for every project.

## 6 Unit Testing

## 7 Changes Due to Testing

## 8 Automated Testing

## 9 Trace to Requirements

Test	Requirement
GA-1	GA1
GA-2	GA2
GA-3	GA3
GA-4	GA6
GA-5	GA7
GI-1	GI1
GI-2	GI2
GI-3	GI3
GI-4	GI4
GI-5	GI5, GI6
NB-1	NB1
NB-2	NB2
NB-3	NB3
ND-1	ND1
NA-1	NA1, NA2
NA-2	NA3
EB-1	EB1
EB-2	EB2
EB-3	EB3
EB-4	EB4
ED-1	ED1
ED-2	ED2
EA-1	EA1, EA2
EA-2	EA3, EA4, EA5
EA-3	EA6

BB-1	BB1
BB-2	BB2
BB-3	BB3
BB-4	BB4
BB-5	BB5
BD-1	BD1
BA-1	BA1
BA-2	BA2
NFT1	LF3
NFT2	UH5
NFT3	UH6
NFT4	PR1
NFT5	PR2
NFT6	PR3
NFT7	PR4
NFT8	PR6
NFT9	PR7
NFT10	PR10
NFT11	SR4
NFT12	SR3

Table 1: Requirements Traceability Matrix

## 10 Trace to Modules

## 11 Code Coverage Metrics

## A Reflection Appendix

## References