

A thick dark blue vertical bar runs down the left side of the page. A blue arrow-shaped banner points to the right from this bar, containing the text 'Grade 12 Key 3'. Below the banner, several thin, curved lines in dark blue and light grey sweep upwards from the bottom left corner.

Grade 12  
Key 3

# PAT Testing Document

Five a Side Football

Nikhar Ramlakhan

TRINITYHOUSE HIGH SCHOOL 2020

# Table of Contents

<u>Content</u>	<u>Page</u>
Testing according to Program Functions	2
Data Validation Testing	3

# Testing according to Program Functions

All function testing done according to Project Specifications Document.

Function Tested	Achieved?
<b>1) Home Screen</b>	
User can start game	Yes
User can access leaderboard	Yes
User can access help menu	Yes
<b>2) Playing Game</b>	
The user must be able to enter their username, team name and tournament name as per the validation rules.	Yes
The user must be able to select a player for all 5 positions.	Yes
The user must be able to refresh to get a new set of selectable options.	Yes
The user must be able to change a player before confirming their team.	Yes
The user must be able to select tactics for each game.	Yes
The user must be able to click a button to play each game.	Yes
The user must be able to play all 5 games.	Yes
The program must simulate 2 games in the background of the teams that aren't playing the user and must ensure that each team has only played another team once.	Yes
The user must receive the game result after each game that they have played.	Yes
The user must be able to progress to the next screen after all 5 games have been played.	Yes
The program must determine the total points acquired by each team.	Yes
The user must receive information regarding their overall team performance such as total goals scored and trends with their match outcomes.	Yes
The user must be able to see which team acquired the most points (hence the winner) and the rankings of all 6 teams.	Yes
The user must be able to save their results and go to the leaderboard to see if they placed in the top 10.	Yes
<b>3) Leaderboard</b>	
The user must be able to view the top 10 user teams ranked in order of highest points acquired.	Yes
If a team is selected by the user, they must be able to see the players, stats and rankings of the team.	Yes
<b>4) Help Menu</b>	
The user must be able to select the category of help they require and the program must display the appropriate content.	Yes

# Data Validation Testing

## User Details:

### Validation:

Presence Check: Data is input.

Letter Check: No special characters or number.

Length Check: Cannot exceed 15 characters

***\*Any extreme data or no input will result in an error message!***

### Username:

Normal	Abnormal	Extreme
"Nikhar"	"Antepenultimate" (exactly 15 characters)	"N1kh@r" (contains a number and special character)

### Team Name:

Normal	Abnormal	Extreme
"Manchester Utd"	"Manchester City" (exactly 15 characters)	"The Number 1" (contains a number)

### Tournament Name:

Normal	Abnormal	Extreme
"Premier League"	"Bundesliga" (exactly 15 characters)	"The #1 League" (contains a number and special character)

## Team Selection:

### Validation:

Presence Check: Data is input.

Level of Quality Ensures that each position is given a level from 1 to 5 with no repetitions.

***\*Any abnormal data will result in an error message!***

### Combo Box:

Normal	Abnormal	Extreme
Selects a player Example: L.Messi (94)	Leaves combo box on "---SELECT---"	Cannot be done as combo box prohibits other input.