

ID: SCOSv1.0

Program name: **SCOS (Scrutiny of Sport)**

Description: the application is designed to allow the creation of quick visualizations and summaries of the game of selected players. Based on the data downloaded using the API, graphics will be used to create a short report of player's performance during the game.

Requirements of the application:

ID	Name	Short description	Priority [1 - required, 2 - needed, 3 - optional]	Functional category
A1	API Connections	Downloading data for selected player and match using the API from Statsbomb website	1	functional
A2	Selection of players and matches	Possible option to select the match and player for which the application should prepare a report	1	functional
A3	Pass map	Creating a visualization showing the pass map of a given player during a match	1	functional
A4	Recovery map	Creating a visualization showing the recovery map of a given player during a match	1	functional
A5	Duel map	Creating a visualization showing the duel map of a given player during a match	1	functional
A6	Shot map	Creating a visualization showing the shot map of a given player during a match	1	functional
A7	Table with statistics	Creating a table showing basic and specific statistics for selected player	2	non-functional
A8	Non-failure	The app is creating report and visualisations with no failures and inform about any inconvenience	2	non-functional
A9	Ease of use	Creating proper interface easy to understand for every user and with short wait time (maximum 3 minutes)	2	non-functional
A10	Interface color	Creating proper interface color of dashboard, which can be also change by user	3	non-functional
A11	Plot and statistics export	The app allows user to export report for each player in PDF format with specific requirements of use it	3	non-functional