



stakeholdermap.com

Project Management, project planning, templates and advice



BaskeStats

BASKESTATS

PROGRAM VISION STATEMENT



Version Control

Version	Change Description	Modified By	Date
V1.0	Initial draft of Vision Document - Creation of document structure, overview, and initial content.	Project Manager (Nikolaos Papadopoulos)	

TABLE OF CONTENTS

BASKESTATS	1
PROGRAM VISION STATEMENT	1
VERSION CONTROL.....	2
OVERVIEW	3
SCOPE	3
BUSINESS CONTEXT (CURRENT STATE).....	3
BUSINESS GOALS.....	3
PROGRAM VISION (FUTURE STATE).....	4
TEAM GOALS	4
CONSTRAINTS AND LIMITATIONS	4
PROBLEM STATEMENT.....	5
USER PROFILES AND INTERACTIONS.....	6
DETAILED SYSTEM DESCRIPTION.....	7



OVERVIEW

This document aims to articulate the overarching objectives and aspirations of the program focused on developing a comprehensive basketball league statistics management system for the Hellenic Association of Anonymous Basketball Societies (ESAKE). It serves as a guide to communicate the envisioned future state and address ESAKE's current and future business requirements in managing league statistics efficiently and effectively.

SCOPE

This Vision Document pertains to the development of BaskeStats, a web application by the BaskeStats Team, accessible across various devices. BaskeStats aims to provide basketball enthusiasts with an easy-to-use platform to access live scores, compare team performances, and explore comprehensive championship statistics.

BUSINESS CONTEXT (CURRENT STATE)

ESAKE, as an organization dedicated to promoting and organizing basketball leagues, currently faces challenges in efficiently managing league statistics. Presently, ESAKE's processes rely on manual data handling and lack a centralized system to streamline crucial league operations. These limitations hinder the association's ability to facilitate seamless league creation, manage players effectively, and organize championships with optimal efficiency.

BUSINESS GOALS

The envisioned basketball league statistics management system aims to revolutionize ESAKE's operations. The system will empower ESAKE to create groups effortlessly, manage player rosters efficiently, establish leagues with a predefined even number of teams, and conduct championship draws seamlessly. By automating these processes, ESAKE anticipates increased accuracy, reduced administrative burden, and improved overall league management.



PROGRAM VISION (FUTURE STATE)

The successful implementation of this program will result in a robust, user-friendly application tailored to ESAKE's needs. It will enable ESAKE administrators to handle league statistics effortlessly, leading to enhanced accuracy in tracking team performance, streamlined championship organization, and an overall improvement in the association's ability to promote basketball activities effectively.

TEAM GOALS

1. *Achieve Excellence: Strive to attain the highest possible grade for the BaskeStats project, demonstrating dedication and commitment to delivering a high-quality solution.*
2. *Gain Software Engineering Experience: Use this project as an opportunity to acquire practical experience in software engineering, fostering skills in development, design, and project management.*
3. *Prepare for Industry Standards: Embrace industry best practices and standards in software development throughout the BaskeStats project, equipping the team with the skills and knowledge required for professional software development environments.*
4. *Build a Strong Portfolio: Aim to enrich the team's portfolio by developing BaskeStats in adherence to industry standards, showcasing a successful project that reflects the team's capability and proficiency in software development.*

CONSTRAINTS AND LIMITATIONS

1. *Browser Compatibility: BaskeStats will be optimized to function efficiently on modern web browsers such as Google Chrome, Mozilla Firefox, Safari, and Microsoft Edge. Limited support for older or less common browsers may be a constraint due to compatibility issues.*



2. *Internet Connectivity: The application's real-time features, including real-time data refresh and instant search and filtering, will require a stable internet connection. Users without reliable internet access may experience limitations in accessing real-time data.*
3. *Device Compatibility: While BaskeStats is designed as a web application accessible across various devices, certain functionalities might be limited on smaller screens (e.g., mobile phones) compared to desktop or tablet devices.*
4. *Security Measures: Implementing robust security protocols is crucial to safeguard user data and ensure system integrity. This might impose constraints such as mandatory authentication requirements or limitations on data accessibility to ensure user privacy and prevent unauthorized access.*

PROBLEM STATEMENT	
<i>The problem of</i>	<i>inefficient basketball league statistics management</i>
<i>affects</i>	<i>ESAKE administrators and basketball enthusiasts</i>
<i>the impact of which</i>	<i>time-consuming manual data handling and limited accessibility to comprehensive league statistics</i>
<i>a successful solution would be</i>	<i>a user-friendly web application providing ESAKE administrators and basketball enthusiasts with easy access to comprehensive and real-time league statistics, simplifying management and enhancing fan engagement</i>



USER PROFILES AND INTERACTIONS

1. *Characteristics of BaskeStats Users:*

- a. Age: 18-35*
- b. Gender: Predominantly male*
- c. Location: Greece*
- d. Education: Diverse*
- e. Profession: Diverse*
- f. Income: Diverse*
- g. Marital Status: Diverse*
- h. Family Status: Diverse*

2. *Usage Scenarios for BaskeStats:*

- a. At Home: Users will access BaskeStats for checking match updates, player statistics, and league standings in their leisure time.*
- b. During Work Break: Quick checks for score updates, league news, or upcoming match schedules during breaks.*
- c. During Commute: Utilizing the app on mobile devices while commuting for brief updates and checking recent basketball stats.*
- d. Watching Live Games: Users might engage with BaskeStats concurrently while watching live games for additional insights and real-time statistics.*
- e. While Walking: Users might utilize the application for quick glances at match updates or recent news while on the move.*
- f. During Meals: Some users might use the app to catch up on recent basketball news or statistics during meal times.*



DETAILED SYSTEM DESCRIPTION

Guest Role:

Search Functionality:

- Guests have access to a search feature allowing them to find specific teams, players, or leagues within the application.

View Details:

- Guests can view detailed information about a team or player, including statistics and relevant data. They can also access this information without the need for authentication.

Secretary Role:

Authentication Process:

- The Secretary undergoes a secure authentication process using designated credentials to access the system.

Group Management:

- After authentication, the Secretary has privileges to create new groups, each comprising a name, city, and logo. They can also modify or delete existing groups as needed.

Player Management:

- The Secretary holds the authority to create new players within groups, specifying details such as name, position, and team affiliation. They have the capability to modify or delete existing player records.

League Operations:

- The Secretary is empowered to create new leagues, defining specific teams' participation and structure. They possess the ability to modify or delete existing league configurations.



Championship Drawing:

- As a final step, the Secretary can execute the process of drawing a championship, ensuring fair matchups and scheduling for the league.

In addition to their roles, the Secretary holds all capabilities available to Guests. They can utilize the search functionality to find specific teams, players, or leagues within the application. Furthermore, they can view detailed information about teams or players, including statistics and relevant data without requiring separate authentication.

Admin Privileges:

The Administrator holds comprehensive control over all functionalities available within the system. This includes the capabilities granted to both the Secretary and Guest roles. Additionally, the Administrator can oversee system configurations, manage user roles, and perform administrative tasks essential for maintaining system integrity and functionality.