

Archery Database Requirements

Target release	Version 1.0
Epic	Archery Scoring Database
Document status	DRAFT
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QA	

🎯 Objective

To create a comprehensive, user-friendly database system to track and manage archery scores for both individual archers and club competitions, while also facilitating lookup of round definitions and club records.

📊 Success metrics

Goal	Metric
Accurate score tracking	<ul style="list-style-type: none">Goal: Maintain high data accuracy in the system.Metric: 95% of scores entered are accurate and complete.
User satisfaction	<ul style="list-style-type: none">Goal: Provide an easy-to-use and helpful system for tracking scores and competition results.Metric: 85% of users rate the system as easy to use and helpful for tracking scores and competition results.

🤔 Assumptions

1. Archers will have access to internet-connected devices for entering scores.
2. The database will be hosted on a secure server with adequate storage and processing capacity.
3. The club recorder will be trained and able to manage the system effectively.

🌟 Milestones

📋 Requirements

Requirement	User Story	Importance	Issue	Notes
Allow archers to enter individual scores	As an archer, they want to enter their individual scores easily, including date, time, round, and equipment type	HIGH	Preventing data entry errors	Consider adding validation checks to ensure accurate data entry.
Club recorder score entry and management	Club recorder, they want to enter competition scores and link them to specific competitions and club championships.	HIGH	Ensuring the club recorder has adequate training and access to manage the system.	Provide documentation and training resources for the club recorder.
Lookup Function	Easily find personal bests, club records, and competition results	HIGH	Designing an efficient search feature with sorting options.	Consider using filters and sorting options.

Store history of equivalent rounds	As a club recorder, they want to store a history of equivalent rounds.	MEDIUM	Managing historical data effectively.	Implement a system to archive and retrieve historical equivalent rounds as needed.
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User interaction and design

1. Authentication: Users must have unique login credentials to access and manage their scores and profile.
2. Score entry: An intuitive and straightforward process for entering scores, either manually or by uploading from a mobile device.
3. Lookup functionality: A search feature to easily find round definitions, personal bests, competition results, and club records.
4. Data visualization: Interactive charts or graphs to help users track their progress and compare their performance to others.



Open Questions

Question	Answer	Date Answered



Out of Scope

- Integration with third-party archery organizations or other clubs.
- Real-time scoring or live updates during competitions.
- Support for non-target archery disciplines, such as field or 3D archery.