Technical Release Notes: February 19, 2025

This release brings significant updates, including **National Team Group Registration,** Enhancements to **Competition & Times Functionality, Reporting Improvements, and Security Enhancements**. We've also addressed critical bugs for improved system stability. Below is a breakdown of all updates included in this release.

New Features

National Team Registration & Data Enhancements

- National Team Groups Infrastructure: Built logical data models, database tables, and data pipelines for NT groups.
- National Team Groups Registration: Developed NT Groups Registration context with the following views: entry, biographical info, contacts, coach, attachments, support staff, sponsors, social media, frequent flyers, and fun facts.
- National Team Groups Admin: Developed National Team Groups Admin with the following views: search, group add, group info, members, athletes, approvals, and reports
- Expanded Registration Views: Added new views for biographical info, passport photo, contacts, attachments, support staff, sponsors, social media, and fun facts.
- Audit Tracking: Implemented audit trails for NT Registration fields.
- Security & Compliance: Set up NT/NJT athlete registration security to ensure data integrity.
- LMS Integration: Added National Team-specific pages to the LMS platform.
- Reporting Suite for National Team: Developed comprehensive reports for tracking NT-related data.
- Data Processing & Integrity Enhancements: Built processes to update data in temporary contact tables and person coach of records tables.

Competition & Times Enhancements

- Meet Recon Updates: Add the ability to store whether the MeetReconMatch was on "memberId" or on Name and DOB
- Add triggers on Swim Time & Swim Time Relay: Implemented automated triggers to enhance data accuracy and streamline swim time and relay times updates.
- Create memory-optimized tables for swim time and swim time relay: Improved performance and efficiency by introducing memory-optimized tables for swim and relay times.
- Add Triggers on Swim Time & Swim Time Relay**:** Implemented automated triggers to enhance data accuracy and streamline swim time and relay time updates.
- Create Memory-Optimized Tables for Swim Time & Swim Time Relay**:** Improved performance and efficiency by introducing memory-optimized tables for swim and relay times.
- Refactor Times Upload to Async Processing: Improved performance and reliability by refactoring the times upload process to use asynchronous processing.
- Create New Meet Upload Table: Established a structured table to store meet upload data.

- <u>Create New Audit Meet Upload Log:</u> Added an audit log to track meet uploads for better troubleshooting.
- <u>Update Meet Endpoints for Async Handling:</u> Adjusted meet-related API endpoints to support asynchronous operations.
- <u>Create New Endpoint to Get Meet Upload Status:</u> Developed a new API endpoint to retrieve the status of meet uploads.
- <u>Update UI to Hide Meet Upload Button Where Needed:</u> Improved UI by conditionally hiding the meet upload button when unnecessary.
- <u>Update UI to Hide Meet Upload Button during Upload Process:</u> Adjusted UI to dynamically disable the upload button while a meet is being processed.
- <u>Enable Sortable Dates in Competition Grid:</u> Enhanced the competition grid by enabling sortable dates for improved navigation and filtering.
- <u>Audit OTS Reports to Ensure Inclusion of Junior Officials:</u> Verified and updated OTS reporting to ensure that junior officials are properly included in system reports.
- <u>Fix UI Handling of 0.00 Time Cuts:</u> Resolved UI issue where time cuts displaying as 0.00 were causing confusion in meet entry validation.
- <u>Optimize Top Times Query in Top Times Search:</u> Improved performance and accuracy of Top Times Search by optimizing query execution.
- <u>Add New Times Validation Type for Unattached Swimmers:</u> Implemented a validation type for unattached swimmers in times upload, ensuring accurate processing.

Reporting & Data Enhancements

- <u>Implement Minimum Age of 11 for National Top 10 Reports:</u> Updated reporting rules to enforce a minimum age requirement of 11 years for National Top 10 rankings.
- <u>Fix Attachments for the Data Request Form:</u> Resolved an issue where attachments were not properly linked in the Data Request Form.
- <u>Add Inverse Groupings to VCC Detail:</u> Implemented inverse groupings to improve the organization and visibility of VCC data.
- <u>Add World Records and American Records to Athlete Profiles on Website:</u> Enhanced athlete profiles by displaying World and American record achievements.
- <u>Rewrite Query for Community Impact Recon Report</u>: Optimized the Community Impact Recon Report by rewriting the query for improved efficiency and accuracy in data retrieval.
- <u>Rename Block Party Report in Code:</u> Updated system references to ensure consistency in naming conventions for the Block Party Report, improving clarity and alignment with reporting standards.

Membership & Club Management Enhancements

- <u>Added Age Field Next to DOB in Member Views:</u> Enhanced member views by displaying the age field next to the date of birth for better readability.
- <u>Display Club and Attach Date in Member Profile (Member Card):</u> Updated member profiles to show the associated club and the attach date on the member card.
- <u>Created Printable Member Requirement Report for LSCs:</u> Developed a printable report for LSCs to easily review and track member requirements.

- Added Head Coach Name to Membership Requirement Reports: Updated membership reports to include the head coach's name for better tracking.
- Added Head Coach Email Address to Membership Requirement Reports: Enhanced membership reports by adding the head coach's email address for improved communication.
- Replaced Date of Birth with Age in Times Recon Report: Adjusted the Times Recon Report to display the athlete's age instead of the date of birth for better usability.
- Update "Add Family Member" Pop-Up: Enhanced the pop-up functionality to improve the family member addition process.

Security & System Enhancements

- Add SSRP Inbox Submission Notification: Implemented a new notification system for SSRP inbox submissions to ensure timely updates and improve tracking for compliance-related submissions.
- Update Recognition Procedure to Use Async Process: Optimized the recognition process by implementing asynchronous handling, improving system performance and ensuring smoother data processing.
- Fix Profile Picture Display in Bio Report: Resolved an issue where profile pictures were not displayed correctly in the Bio Report.
- OTS Logic Update for N2AR Certification: Updated logic to ensure N2AR certification criteria are correctly applied within the OTS system.
- Change Blob Connection String from Private to Anonymous for Profile Pics: Adjusted blob storage connection settings to allow for anonymous access where appropriate for profile images.
- Update Shopping Cart Swimming World Text: Modified shopping cart messaging to better reflect Swimming World product details.

Administrative Enhancements

- Added Good Standing Date to HQ LSC BOD Report: Implemented a new field to track the good standing status of LSCs.

Upcoming Enhancements

- Enhanced OMR for Improved Online Member Registration Experience: Reconfiguring the OMR club landing page for seamless family account management by implementing simplified "One Button" navigation in OMR. Updating the "Add Family Member" pop-up to allow member selection from usercontacts.
- Data Warehouse Development: Improving data structure, reporting capabilities, and integrations.
- New Mobile App Update: Initiating Phase 1 development. Transitioning from planning to execution. Refining backlog and aligning project User Stories and Tasks.

Bug Fixes

- Top Times Search Issue: Fixed the issue where Top Times Search would not work when a minimum age was added.

- <u>Incorrect Report Links:</u> Resolved incorrect report links appearing in the Application Approval Process.
- <u>Community Bulk Import Issue:</u> Fixed a display issue where the Community Bulk Import Pill was appearing for Block Party Teams.