Technical Release Notes - September 29, 2026

Release Overview

This release includes technical implementation and supporting services for three athlete engagement features across the USA Swimming Mobile App and Data Hub:

- Swimmer Goals
- Athlete Achievements
- Swimmer Archetype

The release includes Mobile App and Data Hub UI changes, API and backend services, and supporting data engineering.

Mobile App — iOS & Android

Swimmer Goals

Implemented the Swimmer Goals experience within the athlete profile.

Technical and functional updates include:

- Goals list within the athlete profile.
- Goal detail/drill-down experience.
- Create new goals.
- Edit and delete active goals.
- View all times associated with a goal.
- Share goals as saved images.
- Updated mobile times search header.
- Mobile authorization support for goal routes.
- Integration with event and times data.

Athlete Achievements

Implemented Athlete Achievements within the athlete profile.

Updates include:

- New Achievements experience and achievement catalog.
- Achievement badge artwork and locked/earned states.
- Achievement category/band interactions and layout.
- Sharing of earned achievement badges.
- Loading, empty and error-state handling.
- Integration with the Person API and achievement data.

Swimmer Archetype

Implemented Swimmer Archetype across the athlete dashboard and profile.

Updates include:

- Current Archetype card on the athlete dashboard.
- Stroke distribution visualization and legend.
- Archetype explanation experience.
- Sharing of current archetype.
- Family athlete dashboard support.
- Archetype profile experience.
- Current and historical archetype views.
- Season history selection and per-stroke visualization.
- Sharing of selected historical archetypes.

Data Hub

Swimmer Goals

Implemented Swimmer Goals within the athlete profile.

Updates include:

- Goals profile route and navigation.
- Active and History goal views.
- Create and edit goal experience.
- Goal detail view with summary and progression information.
- All-time progression chart.
- View all times associated with a goal.
- Share Goal image functionality.
- Supporting error-state handling.

Athlete Achievements

Implemented Athlete Achievements within the athlete profile.

Updates include:

- New Achievements tab and supporting route.
- Achievement badge visual system.
- Achievement category/band presentation.
- Sharing functionality.
- Responsive and accessibility support.
- Integration with the Person Achievement API and supporting data.

Swimmer Archetype

Implemented current and historical Swimmer Archetype experiences.

Updates include:

- Current Archetype dashboard component.
- Stroke distribution visualization.

- Archetype explanation.
- Sharing of current archetype.
- Profile Archetype route and current archetype view.
- Season-over-season archetype history.
- Historical archetype visualization.
- Navigation between dashboard and profile Archetype experiences.

API & Backend Services

Swimmer Goals

Updated Person Goal services supporting the Mobile App and Data Hub experiences.

Updates include:

- Goal creation, retrieval, update and deletion.
- Goal status and history handling.
- Target-date and applicable time-standard rules.
- Support for one active goal per event.
- Goal achievement handling.
- Authorization and route updates.

Athlete Achievements

Implemented Person API support for Athlete Achievements.

Updates include:

- Athlete Achievement records exposed through the Person API.
- Per-member achievement caching.
- Integration with the delivered Snowflake achievement data.

Swimmer Archetype

Implemented API services supporting current and historical Swimmer Archetypes.

Updates include:

- Current Archetype retrieval.
- Historical and season-based Archetype retrieval.
- Sharing eligibility support.
- API caching and error handling.
- Mobile/device authorization support.

Data Engineering

Swimmer Goals

Implemented supporting data services for goal creation and progression tracking.

Updates include:

- Applicable goal time-standard data.
- Swimmer best-time updates.
- Event-specific swimmer progression data.
- Person/event time-series data pipeline.

Athlete Achievements

Implemented supporting Athlete Achievement data services.

Updates include:

- Athlete Achievement dbt pipeline.
- Swim-a-Thon achievement data pipeline.
- Supporting Snowflake functions.
- Integration with the Person API.

Swimmer Archetype

Implemented data services supporting current and historical Archetype experiences.

Updates include:

- Member identification within Archetype data.
- Current Archetype data function.
- Historical Archetype data function.
- Support for season-over-season Archetype history.
